Superior Water Light & Power Superior, Wisconsin

Phase I Environmental Assessment Report Superior MGP



ENSR Corporation October 2001 Document Number 09413-098-100



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EXECUTIVE SUMMARY

This report presents the results of an environmental due diligence evaluation of the former Superior manufactured gas plant (MGP) located at Winter and Water Streets in Superior, Wisconsin.

This assessment was conducted by ENSR in accordance with the American Society for Testing and Materials (ASTM) Practice E1527-00. This Phase I Environmental Site Assessment (ESA) included an evaluation of on-site contamination issues, a regulatory database review, and a compilation of historical changes in the Superior shoreline in the vicinity of the Superior MGP. A reconnaissance of the subject property took place on September 18, 2001.

The Superior MGP was a small plant that manufactured gas for a period of 15 years ending in 1904. Waste volumes associated with the gas manufacturing are correspondingly small, but not zero, thus the potential exists for coal ash, tar, and/or gas purification wastes to be present at the subject property. No such wastes are visible at the ground surface; however, plant layout drawings are available to suggest areas to explore in a Phase II investigation. These areas include:

- Three former gas holder foundations
- A tar receiver tank near the former gas plant building

A Phase II investigation should also evaluate the potential for MGP chemicals to be present in groundwater at the site.

This investigation also provided the following facts relative to the historical development of the Superior shoreline:

- The water depth in Superior Bay in the vicinity of the Superior MGP in 1861 was approximately five feet.
- Dock construction in 1905 resulted in dredging to a depth of approximately 20 feet, and considerable filling of the nearby shoreline.
- Construction of the aeration basin for the City of Superior wastewater treatment plant resulted in re-dredging the boat slip, and additional shoreline filling.
- The boat slip was last dredged in 1990. The current depth is approximately 26 feet.



1.0 INTRODUCTION

1.1 Preface

ENSR performed an environmental due diligence evaluation of the former manufactured gas plant (MGP) property located in the vicinity of the intersection of Winter Street and Water Street in Superior, Wisconsin. The main purpose of the investigation was to identify the extent to which environmental liabilities may exist with respect to the subject property. The results of this Phase I investigation will be used to plan a Phase II environmental assessment to verify whether contamination exists on the subject property.

The Wisconsin Department of Natural Resources (WDNR) has identified elevated concentrations of polynuclear aromatic hydrocarbons (PAH) in sediment samples collected from a slip in Superior Bay near the subject property. Industrial development not related to the subject property has created filled land areas along Superior Bay that are used for railroads, municipal wastewater treatment, coal and fuel docks, and other industrial purposes. Therefore, a particular focus of this investigation was to assess the historical development of the shoreline of Superior Bay adjacent to the subject property.

1.2 Scope of Work

ENSR conducted a site visit on September 18, 2001. The locations of the various gas holders were marked in the field, and the existing building was determined to be rebuilt on the same spot as the original MGP building. Company records dating to the startup of the gas manufacturing operations in 1889 were available to provide accurate information about the site layout, process operations, and production history. Public records including historical maps and aerial photographs, MGP literature, and information from the state and local governments were researched for this investigation. ENSR also interviewed persons knowledgeable about the subject property and the surrounding area.

The results of this investigation are described in this report, and are used to estimate the potential for environmental impacts that may necessitate expenditures for characterization and remediation.



2.0 SITE DESCRIPTION

2.1 Site Location and Description

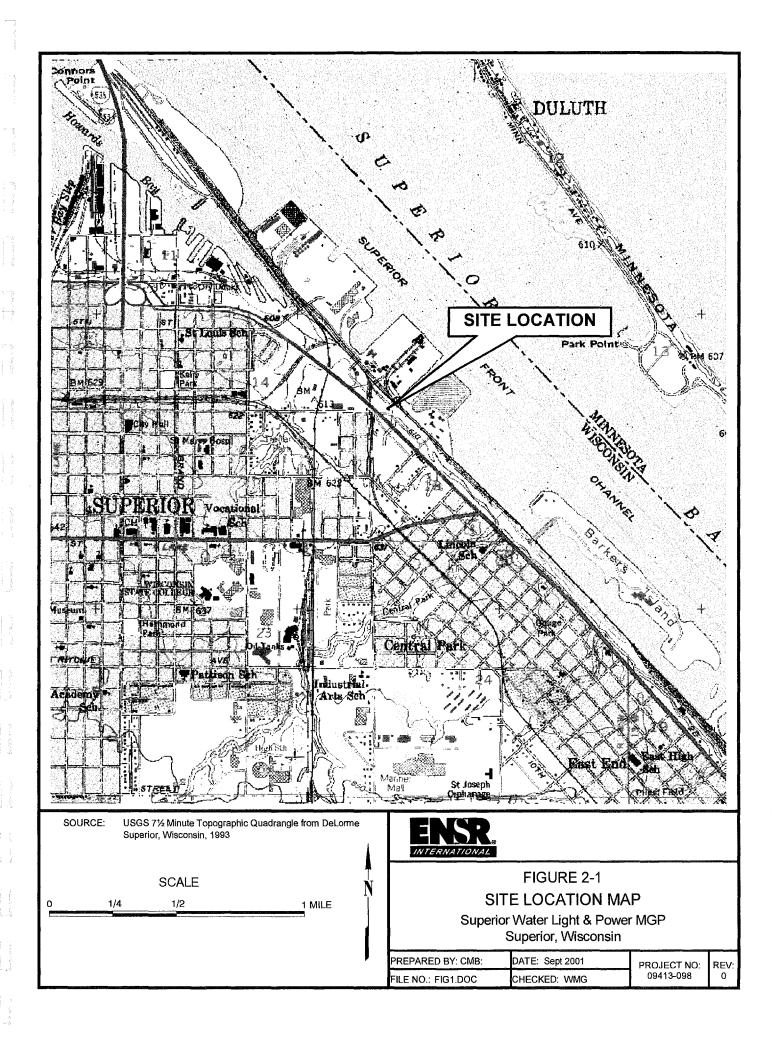
The subject property is located in the vicinity of the intersection of Winter and Water Streets in Superior, Wisconsin (Figure 2-1). A 3,000-square foot brick building, that was an original MGP building reconstructed in 1929, is located on the northeast side of Water Street, between Water Street and the railroad tracks that roughly parallel the shoreline of Superior Bay. Gravel parking areas surround the building. Several parcels of land adjacent to the building where part of the MGP property including a vacant grass-covered field to the west of the building where two gas holders were once located. Another larger gas holder was located on the now-vacant property south of the building, immediately south of U.S. Highway 53. A city street and vacant, grass-covered lots are now located where the larger gas holder was located.

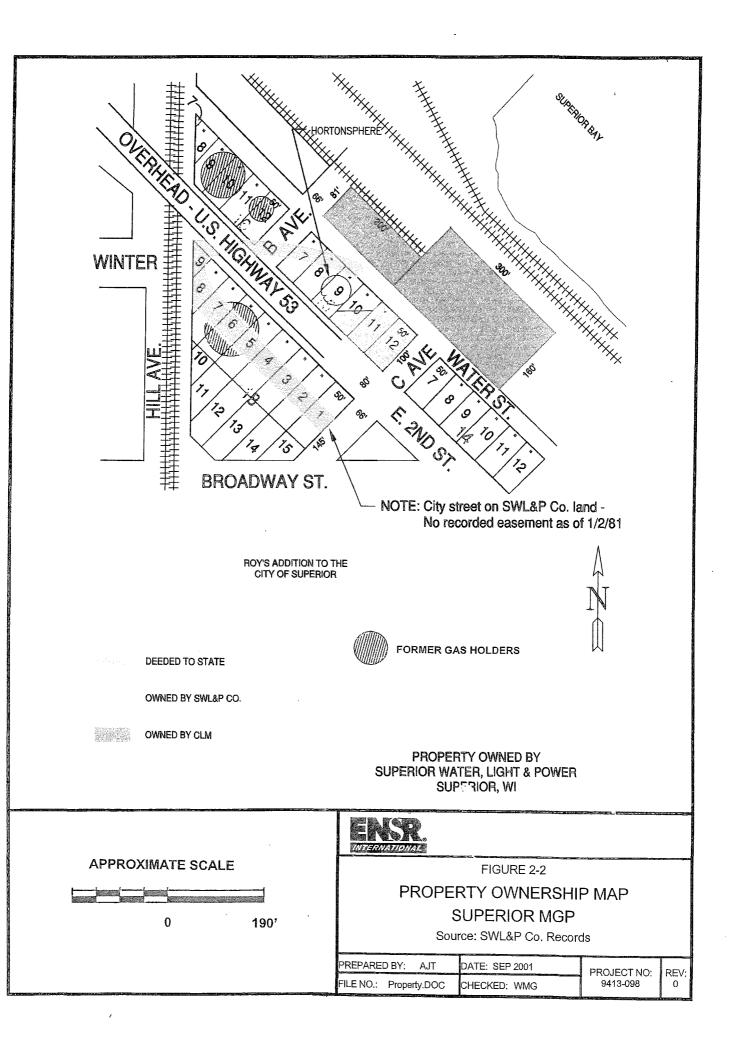
A formal title search was not performed for this investigation, however, portions of the former MGP property are now owned by Superior Water Light & Power (SWL&P), the City of Superior, the U.S. Department of Transportation, and CLM, Inc. Figure 2-2 is a color-coded map indicating property ownership in the vicinity of the MGP site.

The subject property is irregularly shaped and consists of approximately five acres, and is situated approximately two miles from the downtown area of Superior. The area surrounding the subject property consists of industrial land along the Superior Bay shoreline and commercial/residential properties further inland. The property east of the subject property is a fenced parcel used by Lakehead Cement Company for storage and a ready mix plant. Northeast of the subject property is the City of Superior wastewater treatment plant. The slip where WDNR collected sediment samples is north of the subject property. Northwest of the subject property is a former coal dock that is now owned and operated by CLM, Inc. for the production of lime. Adjacent to the CLM, Inc. dock are two large aboveground storage tanks that formerly contained fuel oil. Commercial and residential properties are located along Winter Street and other city streets south of the subject property.

2.2 Topography, Hydrology and Geology

The subject property lies at an elevation between 610 and 620 feet above mean sea level. The topography in the area of the subject property is relatively flat with little or no slope. Based on the proximity to Lake Superior (elevation approximately 601 feet above mean sea level) groundwater is expected to flow across the site from southwest to northeast. Groundwater is estimated to be at approximately 10 feet below ground surface. This investigation did not identify any prior subsurface or environmental investigations on the subject property. However, monitoring wells installed for a groundwater investigation at the nearby Marine Fueling Terminal indicate a







shallow water table sloping toward Superior Bay. Boring logs indicate that soils consist of sandy fill overlying native red clay. Geotechnical soil borings at the Superior Wastewater Treatment Plant indicate up to 19 feet of fill overlying native red clay. A significant amount of saw dust and wood waste was encountered on the City's property, as a result of its former use as a sawmill.



3.0 FACILITY OPERATIONS AND REGULATORY CONSIDERATIONS

The only operations conducted on the subject property are associated with the brick building owned by CLM, Inc. ENSR inspected the interior of the building and interviewed the building owner on September 18, 2001. According to Mr. Dana Stone, Vice President of Operations, for CLM, Inc., the building is only used for storage. One of the three rooms in the building at the subject property is being leased by Lakehead Cement Co, and is used for storage of sand, lime, cement, and miscellaneous materials related to Lakehead's adjacent ready-mix plant. The other two rooms in the building are used by CLM, Inc. for the storage of miscellaneous motors, pumps, bridge and kiln parts.

Reportedly no routine vehicle parking or maintenance takes place on the subject property. ENSR observed two used oil filters on the ground outside the building that may have been left by trespassers. One 5-gallon pail was observed inside the building containing material that appeared to be waste oil. No discoloration or staining of surficial soils were observed. No characteristic blue staining from oxide box wastes was observed on the ground or on concrete surfaces. Materials stored by Lakehead Cement Company are handled in pallet quantities and are transferred to and from Lakehead Cement Company's manufacturing plant adjacent to the east boundary of the subject property. Aside from an occasional broken bag, no wastes are generated on the subject property.

Electricity is supplied to the building by SWL&P. No water, sewer, or other utilities are active at the subject property. No transformers were observed at the building, although several pole-mounted transformers were present along the street within the subject property boundaries. No staining was observed in association with the transformers at the time of ENSR's site inspection.

The interior and exterior of the building is brick, with no building insulation or other potential asbestos-containing building materials observed by ENSR. The roof is built up with tar and gravel, and it is not known if ACBM is present. Portions of the roof had been patched or re-built by CLM since their period of ownership began in 1978. The eastern-most room in the building contained one 1-inch diameter pipe approximately 20 feet long that was insulated. The insulation appeared to be damaged in several places. The brick had an old paint coating that was peeling.

Based on the use of the subject property, and the limited activities that take place, no environmental compliance issues were identified at the subject property.



4.0 SITE AND SURROUNDING LAND USE HISTORY

4.1 Introduction

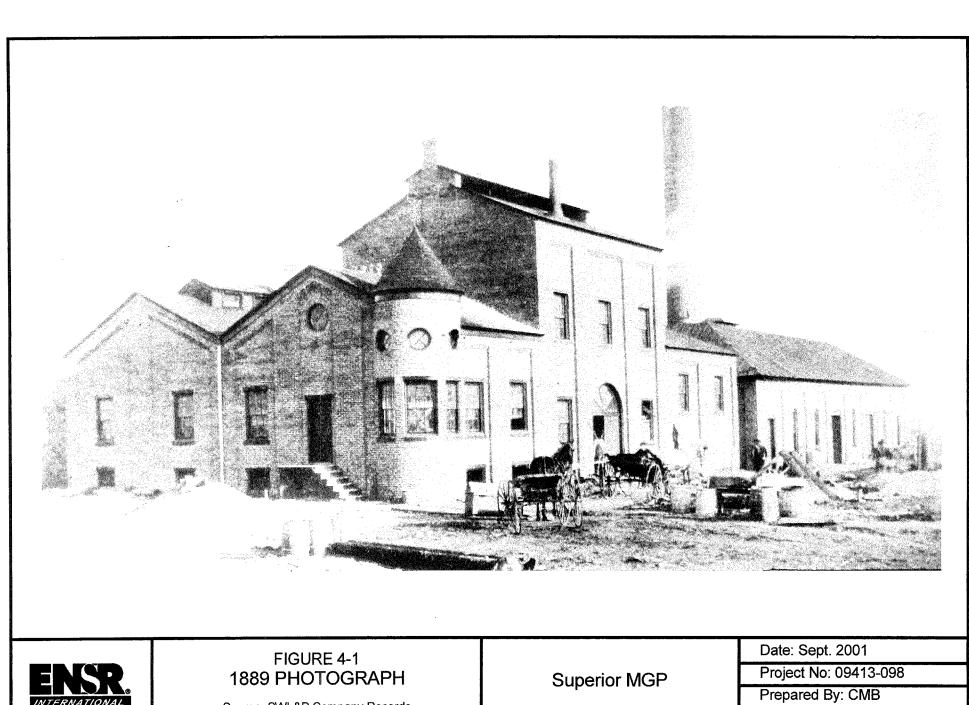
For the purpose of this Phase I report, the history of the subject property and vicinity was researched to the earliest date possible. In this case, an 1861 map of Superior is the oldest reference found, showing the Superior Bay shoreline prior to any significant development. This map was found at the Army Corps of Engineers (ACOE) office in Duluth, Minnesota, along with numerous subsequent maps that chart the growth of industrial development in the Duluth-Superior Harbor. Another excellent source of information for this property was archival company records provided by SWL&P. The entire production history of the Superior MGP is included in the company records. The ACOE maps and company records were supplemented with other public information (e.g., Sanborn maps, aerial photographs, city directories, etc.) to compile the following history of the Superior MGP.

4.2 Gas Plant History

The gas plant was built in 1888 and began operations on November 1, 1889. At the same time, the company built an electric generating plant and a water supply station adjacent to the gas plant. A water intake in Superior Bay provided the municipal supply, and coal-fired boilers and dynamos were used to produce electricity. A picture of the gas plant in 1889, showing the rounded southwest corner of the building is reproduced in Figure 4-1. The generator sets were located in the central part of the building behind the arched doorway. The purifier room was adjacent to the meter room to the left of the photograph. The plant layout, based on an 1891 city atlas, is shown in Figure 4-2. Within the first few years of operations, the electric plant was relocated to West Superior, and the water plant was moved to the eastern edge of town. A detailed description of the gas plant facilities at the time is given in a company document entitled "Statement giving Information as to Plant of SWL&P Company" reproduced below:

"This building is located about midway between the east and west ends of the city on Superior Bay and is a one and a half story building of substantial construction.

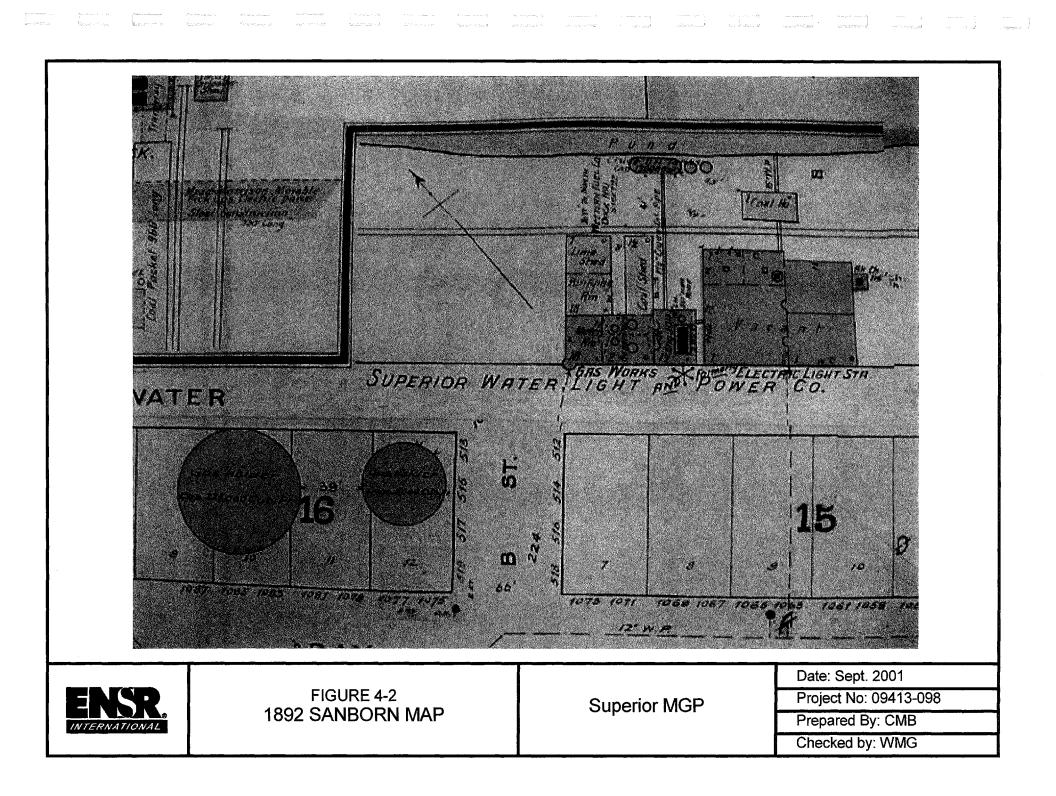
The gas is a water gas made by the improved "Springer" process. The apparatus comprises of two No 2½ Generators with scrubber and condenser, one nine ft. station meter, one 10 inch Conelly Governor, one five ft meter prover, one No. 3 Roots Exhauster, one 54 inch by 14 ft steam boiler, on Stureevant engine with blower, together with oil pump, boiler pump and other necessary appliances. In the purifying room are located four 6 ft x 8 ft x 3 ft wrought iron purifying boxes. Adjoining the purifying room is the revivifying room with concrete floor. This room also contains apparatus for distilling water out of tar.



Source: SWL&P Company Records

INTERNATIONAL

Checked by: WMG





The gas holders are two in number; one of 35,000 cubic feet capacity, built in October 1889, single lift: one double lift holder of 250,000 cubic feet capacity, dimensions of 92 ft x 21 ft x 21 ft, completed in October 1891. From both of these there is connection through the station meter, governor and mains."

The "Springer" process refers to a common water gas production method wherein the gas producer, or generator, was combined with the carburetor and superheater in a single vertical shell, thus saving floor space. Of special interest in the gas plant description is the "apparatus for distilling water out of tar" in the revivifying room. The market for coal tar consisted in large part of the refining industry, which produced creosote, road tars, roofing pitch and other products. Coal tar refiners would not purchase coal tar that contained greater than two percent water. Therefore, the Superior MGP needed to remove water from the tar to increase the tar's marketability. Company records indicate that the Superior MGP sold tar for \$3.00 per barrel. However, the total amount of tar produced and/or sold is not indicated in the company records.

Gas was produced at the Superior MGP from November 1889 to August 1904. After August 1904, all of the gas sold by SWL&P was purchased by the company from the Zenith Furnace Company (later known as Interlake, Corporation). The gas purchased from Zenith/Interlake was purified in West Duluth before it was piped to SWL&P's plant in Superior. Therefore, no purifier wastes were generated in Superior after August 1904. Table 4-1 lists the amount of gas produced at the plant from 1889 through 1904 based on the handwritten financial ledgers in SWL&P's archives. The Superior MGP produced a total of approximately 262,000 MCF (thousand cubic feet) of gas during its 15-year production history. Also shown on Table 4-1 are the annual amounts of gas purchased from Zenith/Interlake from 1909 through 1930, based on SWL&P's annual reports to the Wisconsin Railroad Commission (no records were found for the period from August 1904 to 1909). Table 4-1 shows a generally steady growth in the amount of gas produced then purchased by SWL&P from Zenith Furnace Company.

In 1924, a third gas holder was constructed at the subject property. This 750,000-cubic foot gas holder was located southwest of the former MGP building. Figure 4-3 is a 1925 general plan of the subject property showing the new gas holder. Figure 4-3 also shows a spherical gas holder called the "Horton Sphere" and the relief holder was no longer used to store gas (the piping was disconnected). Other company records confirm that the Horton Sphere was actually constructed in 1950, so this 1925 drawing was either modified at a later date, or depicts the planned construction of the Horton Sphere. The 1925 drawing is useful because it appears to accurately reflect the layout of the storage tanks, piping, and building. Figure 4-4 is an enlargement of the drawing showing the building and a "Receiver Tank" just outside the northeast wall of the building. This tank is presumed to have stored coal tar condensed from the gas manufactured prior to 1904.

Table 4-1 Superior MGP Annual Gas Production

Year	Total Gas Produced, MCF ⁽¹⁾	Total Gas Purchased, MCF
1890 (2)	9,920	-
1891	12,014	-
1892	14,437	-
1893	18,634	-
1894	12,940	-
1895	11,743	-
1896	12,333	-
1897	13,261	
1898	11,223	-
1899	12,888	-
1900	21,886	-
1901	22,027	-
1902	26,306	-
1903	33,812	-
1904 ⁽³⁾	28,597 ⁽⁴⁾	-
1905	-	NR ⁽⁵⁾
1906	- 1	NR
1907	-	NR
1908		NR
1909		53,124
1910	-	57,952
1911	- 1	63,033
1912	-	72,428
1913		78,003
1914		88,139
1915	-	91,005
1916	-	91,783
1917	~	89,714
1918	-	110,364
1919	-	124,975
1920	-	150,158
1921	-	169,082
1922	-	180,608
1923	-	190,128
1924	- 1	202,170
1925	-	204,021
1926	- 1	210,246
1927	-	219,250
1928	-	239,834
1929	-	246,044
1930	-	251,953

<u>Notes</u>

(1) Production data are calculated from SWL&P Company financial records.

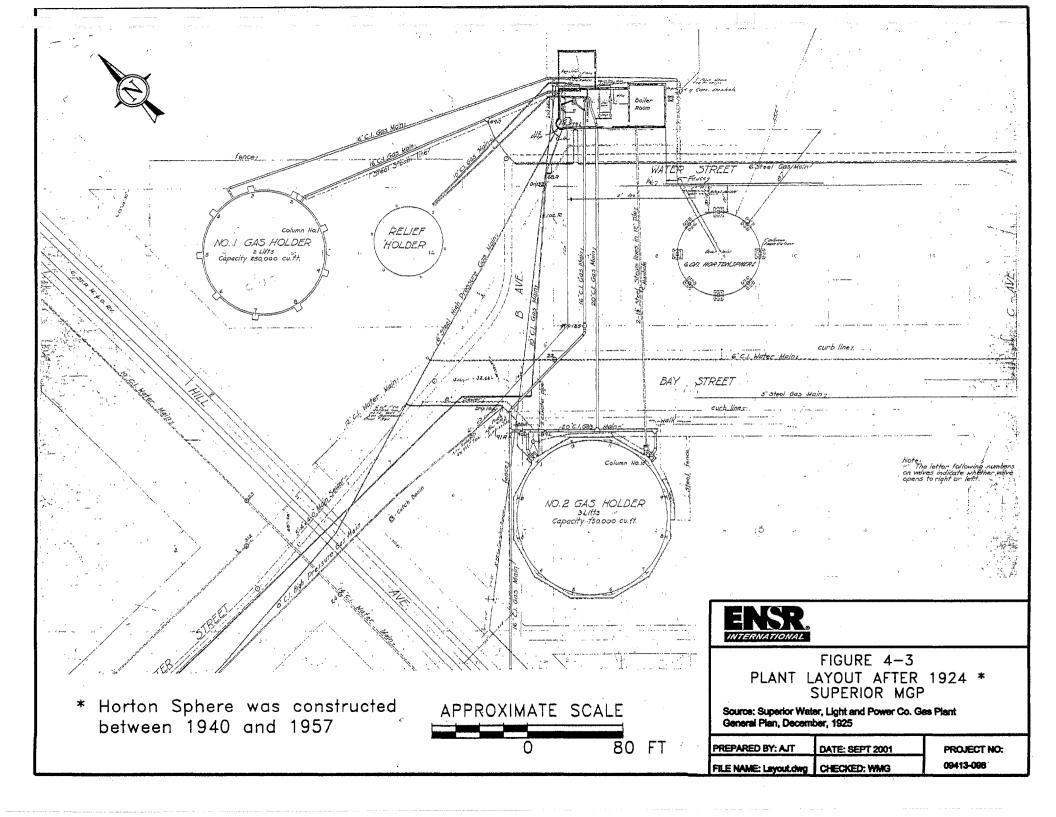
(2) The production year of 1890 includes production from November 1989.

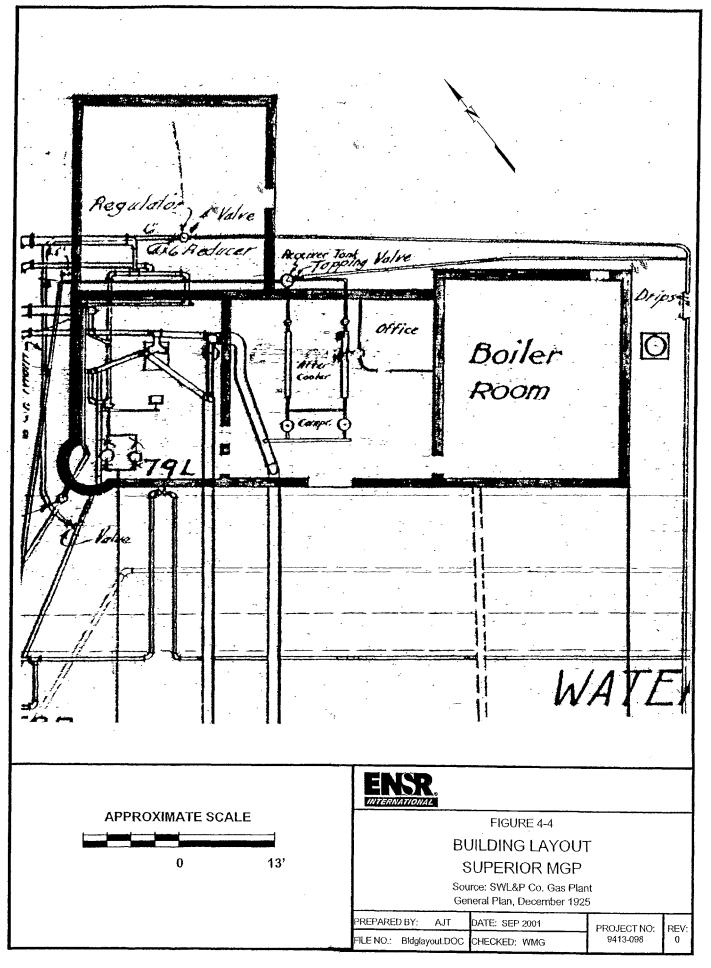
(3) The figures for 1904 are from December 1903 through August 1905

when gas ceased to be manufactured at the Superior MGP.

(4) 262,022 = Subtotal of total gas produced.

(5) NR= No Records were found for this time period.





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In 1929, the gas plant building was rebuilt in its present configuration. Gas purchased from Zenith/Interlake was stored in the gas holders, and pumped and metered from the reconstructed building.

Storage and metering of manufactured gas purchased from Zenith/Interlake continued until natural gas supplies became available in 1959. The 35,000-cubic foot gas holder, labeled "Relief Holder" on the 1925 drawing, was removed prior to 1938. The 250,000-cubic foot gas holder was removed between 1940 and 1961. The 750,000-cubic foot gas holder was removed between 1962 and 1966, and the Horton Sphere was removed in 1985.

In 1978, SWL&P sold the former gas plant building, and the property shown in purple on Figure 2-2, to CLM, Inc. The building was gutted, concrete floors were poured over the existing sand floors, and the building has been used for storage since that time.

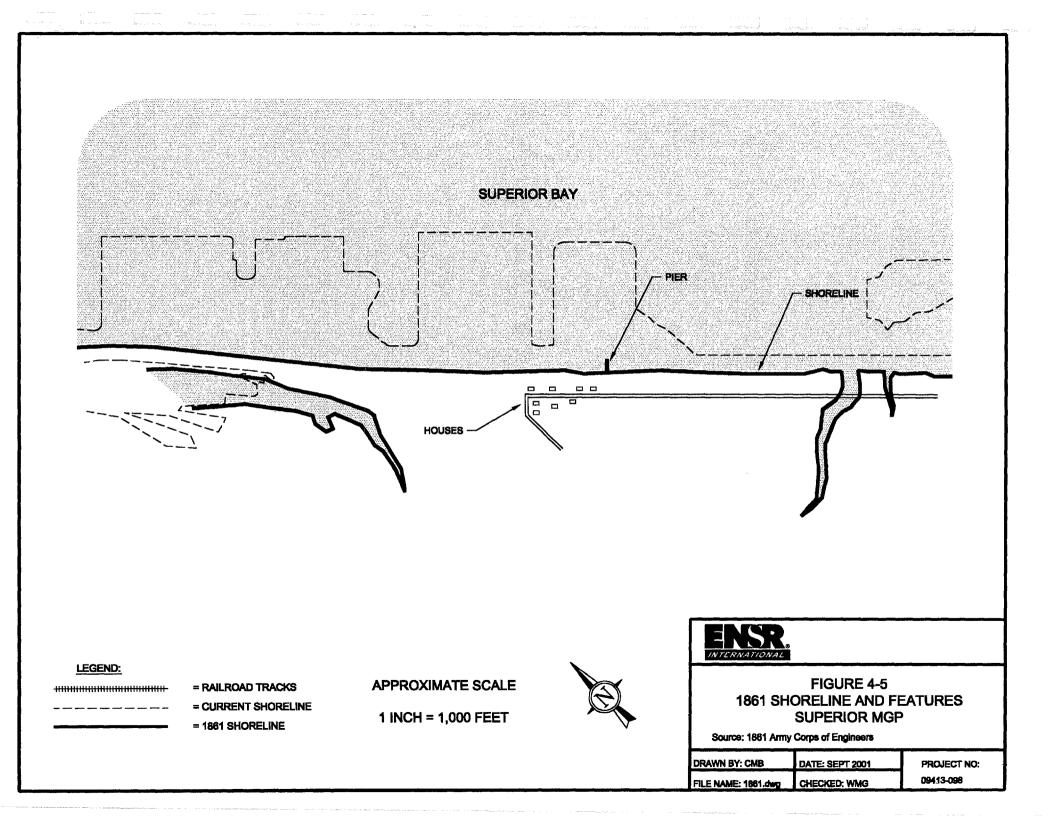
4.3 Shoreline History

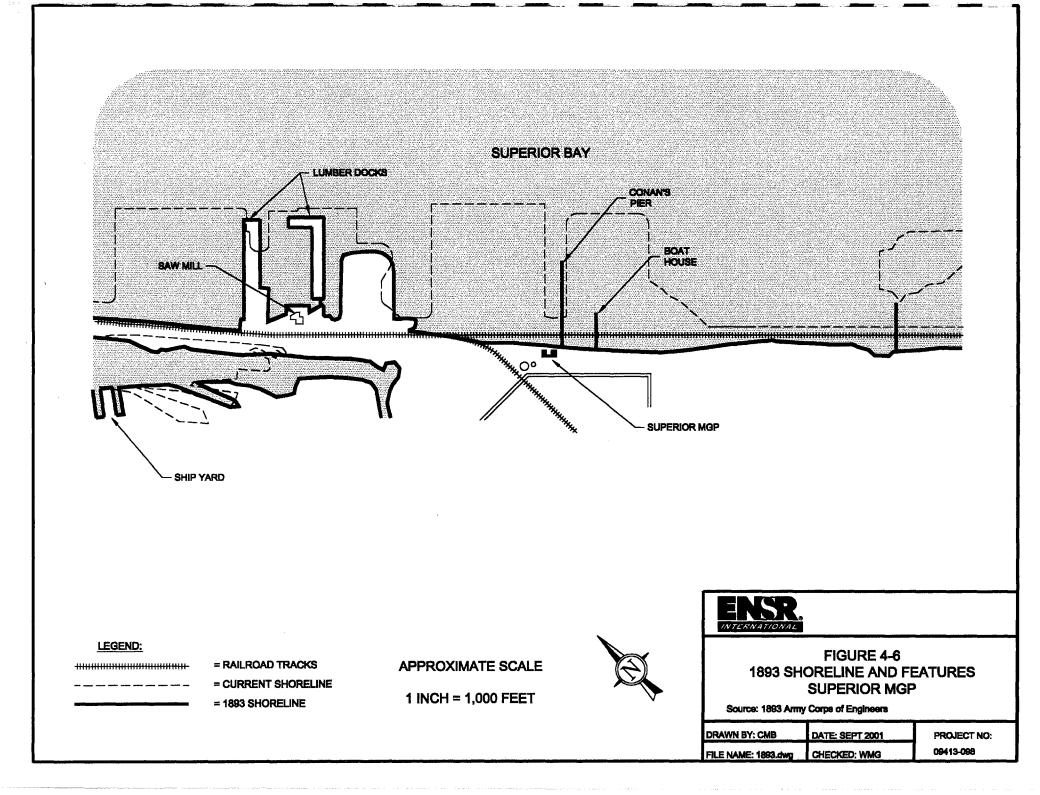
A series of drawings showing the Superior shoreline and features from 1861 to the present are shown in Figures 4-5 through 4-20. The 1861 map which forms the basis for Figure 4-5 also provides soundings in Superior Bay that indicate shallow water depths (approximately five feet deep) along the shoreline and extending out to the main channel in the middle of Superior Bay. The City of Superior had a few houses and apparently no industrial development in the vicinity of the subject property in 1861.

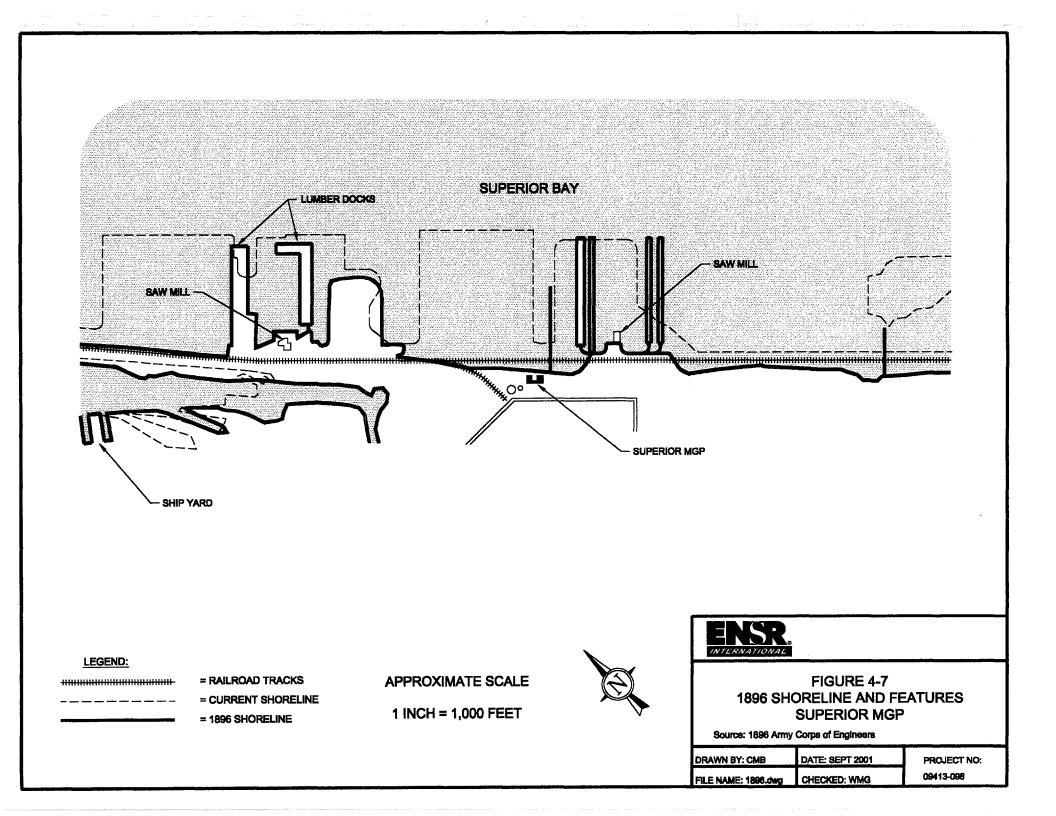
Figure 4-6 depicts the shoreline and features in 1893. The Superior MGP is shown at the water's edge. The shoreline was approximately 70 feet from the MGP building at that time. A Great Northern Railroad (now BNSF) track had been constructed along the shoreline, and much of the track was located 80 to 100 feet off shore. Northwest of the Superior MGP, a saw mill had been constructed with associated docks and filled land along the shoreline.

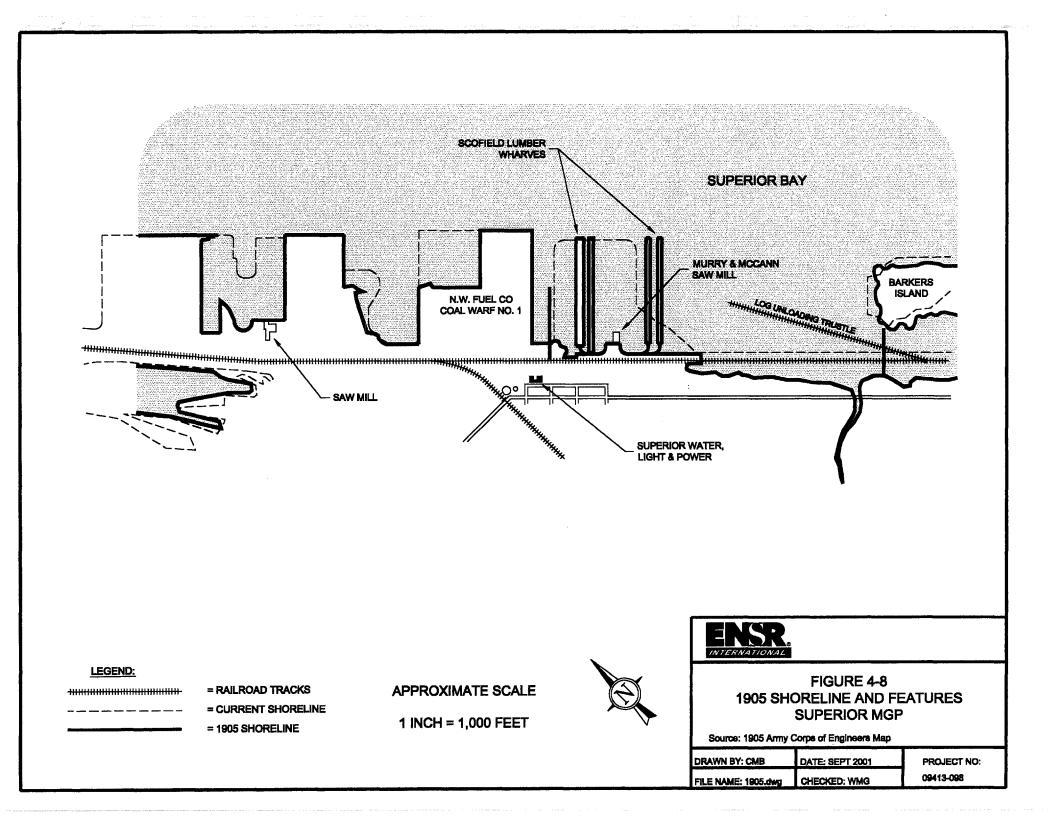
Figure 4-7 shows that by 1896 a second sawmill was located where the Superior Wastewater Treatment Plant is now located.

Shoreline features in 1905 (Figure 4-8) show construction of three-quarters of the Northwest Fuel Company dock, the same dock currently owned by CLM, Inc. According to Mr. Stone of CLM, Inc., the dock was built with wood cribbing, and the perimeter was dredged to allow ships to dock and to provide fill to create the land area of the dock. This represented the first time the slip adjacent to the Superior MGP was dredged, which was one year after gas production had ceased at the plant. Also, by 1905, the early saw mill was replaced by coal docks.







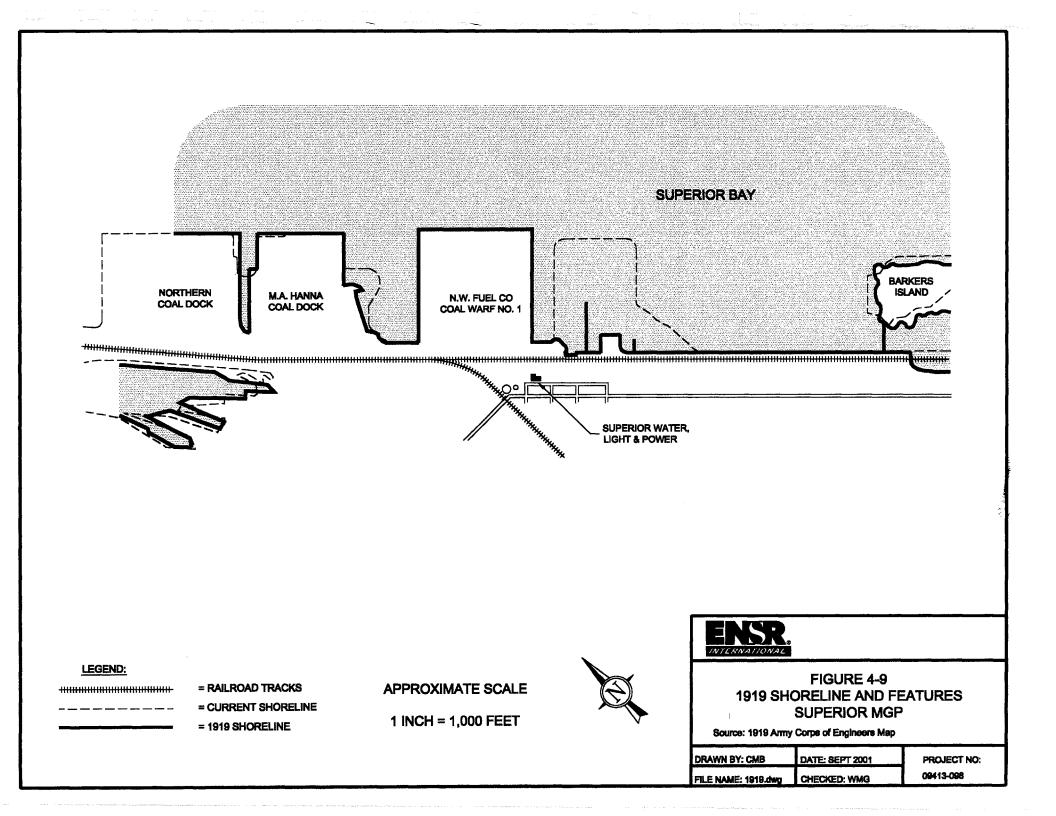


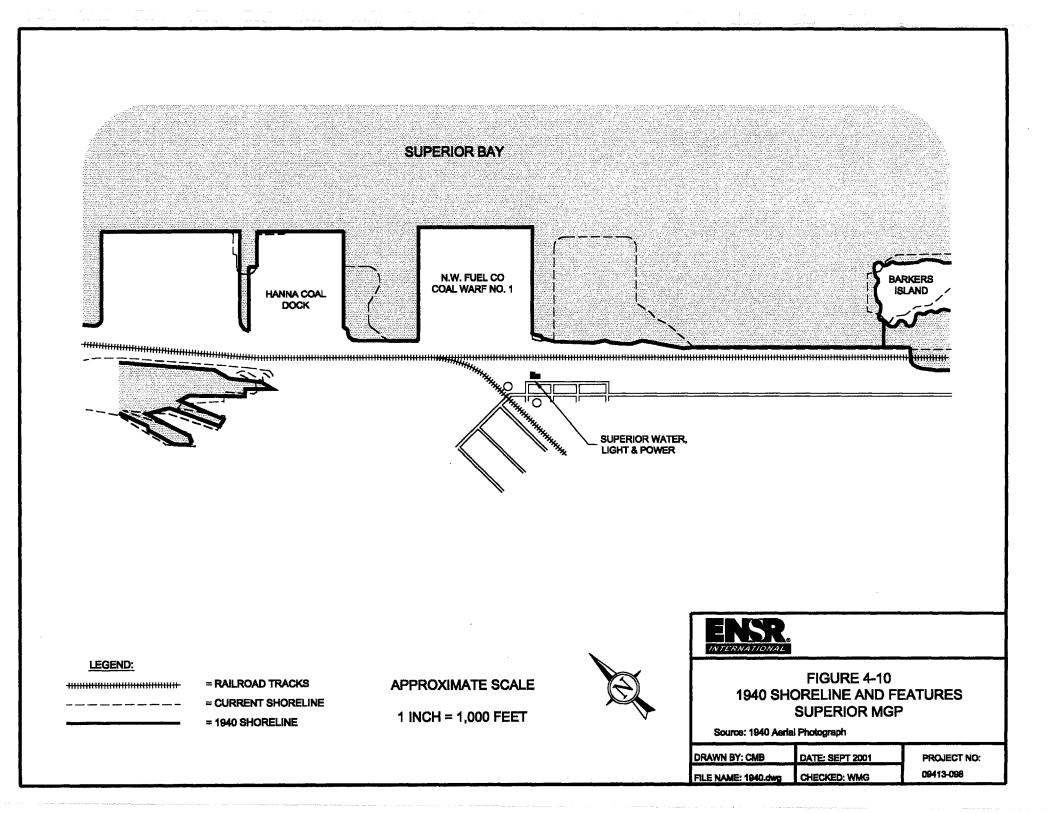


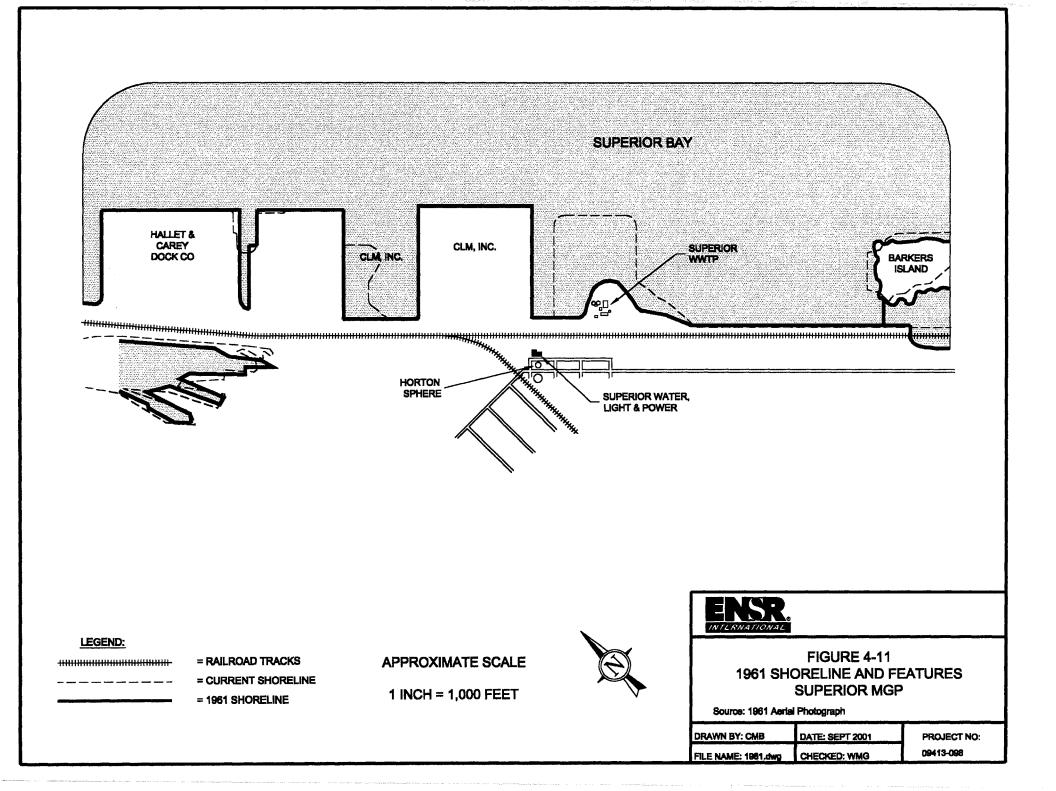
Figures 4-9, 4-10, and 4-11 show the shoreline and features in 1919, 1940, and 1961, respectively. By 1919, shoreline filling had land-locked the railroad tracks as far east as Barkers Island. Throughout this period of time, additional fill was placed along the shore and docks to create usable land. The City of Superior Wastewater Treatment Plant was built in the 1950s northeast of the former Superior MGP. In 1961, the treatment plant did not include the large aeration basin, and the plant discharge would have been more widely distributed along the shoreline than it is today.

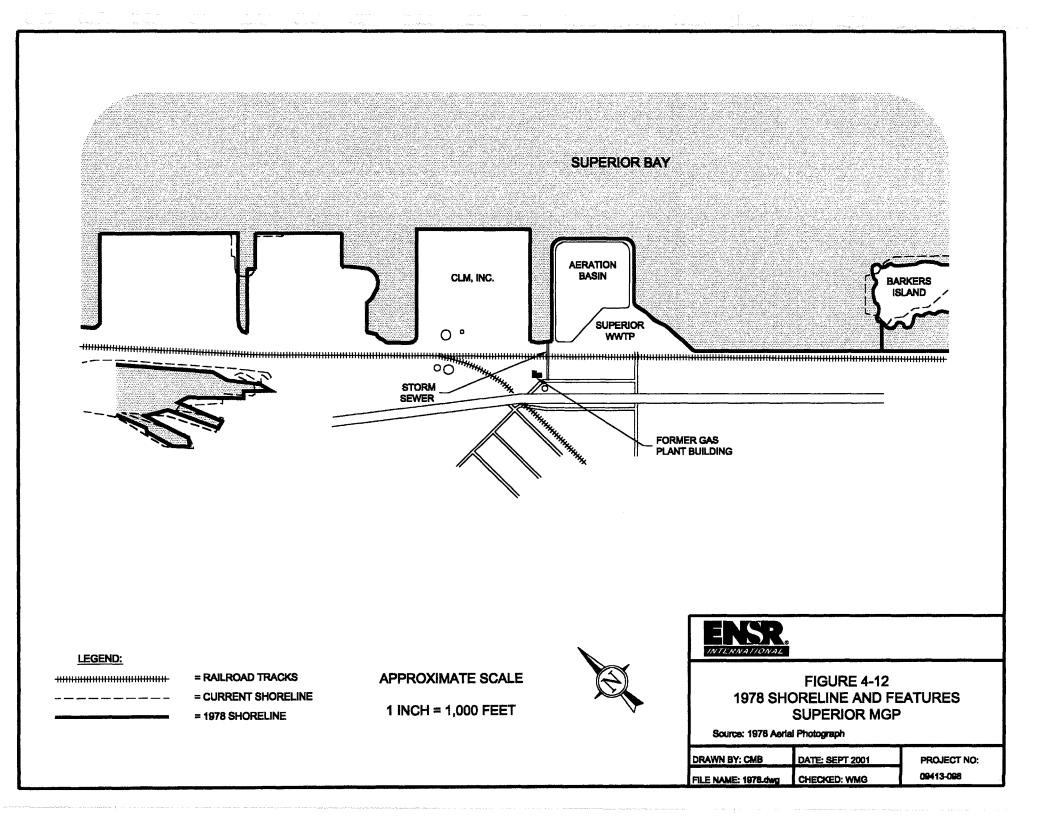
Figure 4-12 shows that the Superior Wastewater Treatment Plant had added the aeration basin by 1978. According to a map provided by the CLM, Inc. office in Duluth, the aeration basin was built in 1975 and the concrete storm sewer that enters the boat slip between the aeration basin and the CLM, Inc. dock was built at the same time. The possible existence of other storm sewers in the vicinity of CLM, Inc. and the City of Superior Wastewater Treatment Plant prior to 1975 is still being investigated. According to CLM, Inc. records, the entire boat slip was dredged in conjunction with the construction of the aeration basin, which was built with sloped earthen materials (rock and sand).

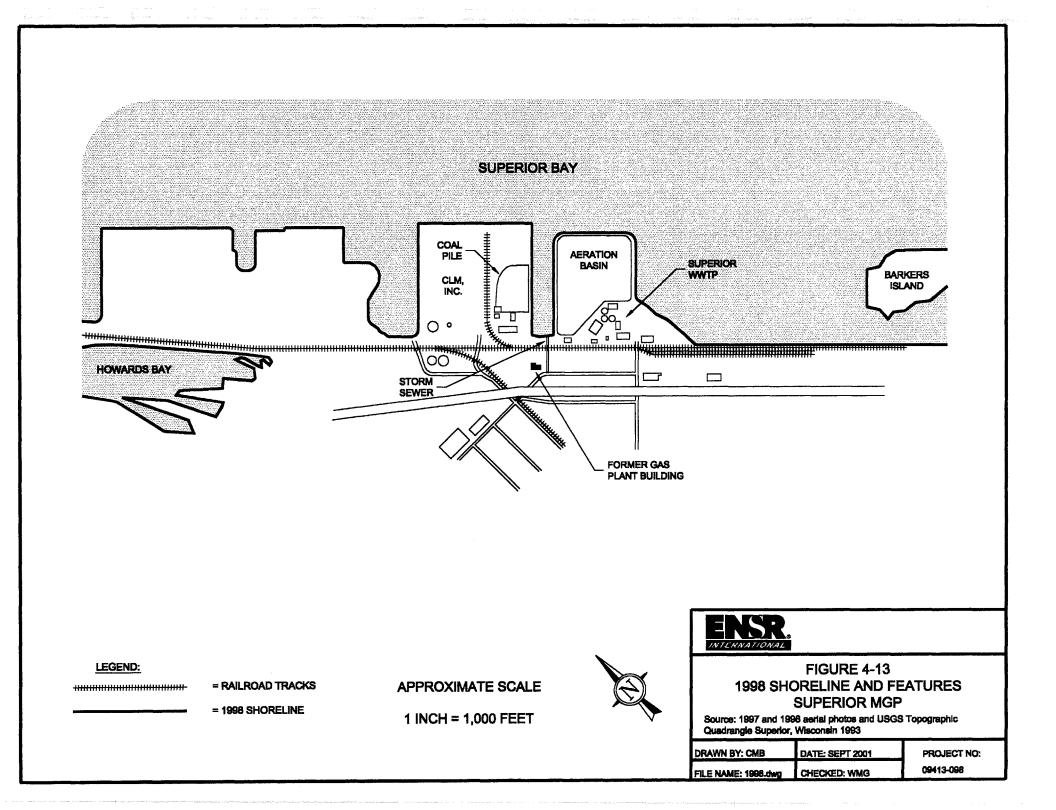
Figure 4-13 represents the most recent shoreline features, based on a 1999 aerial photograph.













5.0 ENVIRONMENTAL DATABASE REVIEW

VISTA Information Solutions provided a summary of the environmental regulatory records for the subject property and surrounding properties. VISTA's report is included as Appendix A to this report. The subject property does not appear on any environmental regulatory database. Surrounding properties that do appear in the government records include six properties on the Wisconsin Hazardous Waste Sites Database (SCL) and five properties on the Leaking Underground Storage Tanks (LUST) database. Of the six SCL properties, two are located upgradient from the subject property relative to the groundwater flow direction. Therefore, the groundwater represents a potential pathway for chemicals from those sites to travel to the subject property. One of the upgradient SCL sites is Superior Propane Ferrellgas at 39 East Fifth Street (Approximately one-half mile from the subject property). According to information available from WDNR's website (Appendix A), metals and PAH have been found in the soil at the site. There was no further information available about groundwater, remediation, or case closure.

The second upgradient SCL site is Twin Ports Automotive at 1015 Elm Street (approximately onequarter mile from the subject property). The nature of the problem at this site was not specified in the database, however, the site was closed in 1998. The other four SCL sites are not expected to present a potential for impacting the subject property.

Nearby LUST sites include two sites along Winter Street west of the subject property. Phil's Auto Repair at 222 Winter Street has soil and groundwater contamination from leaded and unleaded gas. Jeff Foster Trucking at 322 Winter Street has received closure for a diesel/fuel oil UST. These sites are probably cross-gradient from the subject property, and may or may not contribute petroleum hydrocarbons to background groundwater quality at the subject property.

Gateway Foods at 1230 Poplar Avenue is approximately one-half mile upgradient from the subject property, and has soil and groundwater contamination from unleaded gas and waste oil tanks. Soil contamination by unidentified petroleum hydrocarbons was closed in place at the Metro Credit Union at 25 Belknap Street. Both of these LUST sites may potentially impact the subject property, although impact is not certain because of the distance involved.

The final LUST site identified in the database is cross-gradient and is not expected to be a potential source of contaminants at the subject property.



6.0 DISCUSSION OF FINDINGS

6.1 Findings

This report presents the results of an environmental due diligence evaluation of the former Superior MGP located at Winter and Water Streets in Superior, Wisconsin.

This assessment was conducted by ENSR in accordance with the American Society for Testing and Materials (ASTM) Practice E1527-00. This Phase I Environmental Site Assessment (ESA) included an evaluation of on-site contamination issues, a regulatory database review, and a compilation of historical changes in the Superior shoreline in the vicinity of the Superior MGP. A reconnaissance of the subject property took place on September 18, 2001.

The Superior MGP produced a total of approximately 262,000-MCF of gas during its 15-year production history. A rough estimate of the amount of ash, coal tar, and oxide box waste produced by the plant can be calculated using the gas production record (ERT, 1984). In general, ash was produced at the rate of about 12 percent of the amount of coal used. For the Superior MGP, ENSR estimates approximately 200-cubic yards of coal ash, based on a typical gas yield of about 100,000-cubic feet per ton of coal. The ash material would be relatively inert, although a variety of trace metals would be present and somewhat leachable.

Water gas plants typically produced about one gallon of tar per 1,000-cubic feet of gas (ERT, 1984). Therefore, the Superior MGP would have produced about 262,000 gallons of coal tar during its operating history. Because the plant sold its coal tar, any tarry waste residues are likely to be limited to bottom sludges found in tanks, gas holder bases, and/or process areas of the plant (e.g., where the tar barrels were filled and stored prior to sale). Assuming anywhere from 0.1 to 1 percent of the tar ended up as bottom sludge yields an estimated tar sludge volume of 2- to 22-cubic yards. The sludge would be comprised almost entirely of PAH, with possible traces of phenolics and light aromatics.

A rough estimate of the amount of spent oxide box waste generated by the plant can be obtained from operating data reported in the technical literature. Assuming 20 to 25 pounds of oxide per cubic foot of bed material (Wilson and Wells, 1950) and achieval of theoretical H₂S adsorption capacity, 13 to 16 pounds of H₂S would be removed per cubic foot of oxide material, at which point the material would contain about 60 percent sulfur and be discarded. Using a typical H₂S content of 100 to 500 grains per 100 cubic feet (Gas Engineers Handbook, 1966), 100 percent H₂S removal at a rate of 13 to 16 pounds H₂S/ft³ oxide, and the estimated plant life gas production of 262,000 MCF yields a total of 70 to 350 cubic yards of spent oxide generated over the lifetime of the water gas plant. Spent oxide wastes are high in sulfur and also contain complex cyanides.



Note that all of these waste volume estimates are very rough, and are given only to indicate likely magnitudes.

In addition to the MGP wastes discussed above, there is a potential for petroleum hydrocarbons to be present in the soil or groundwater from the 12,000-gallon aboveground storage tank used by the MGP. The tank is shown on the 1892 Sanborn Map (Figure 4-2) located between the building and the shoreline.

A subsurface investigation consisting of soil and groundwater sampling would be needed to determine if MGP wastes, petroleum hydrocarbons, or any other chemicals are present at the subject property.

The shoreline historical research has revealed substantial changes in the vicinity of the subject property, especially in the years since 1904 when the Superior Gas Plant began purchasing gas instead of manufacturing gas. The Superior MGP was adjacent to the shoreline when the plant was built in 1889. The first time the boat slip adjacent to the Superior MGP was dredged was in 1905, and it was dredged on at least two other occasions in 1975 and 1990, as reported by Mr. Stone. Reportedly, CLM, Inc. has also conducted "spot dredging" to remove limited areas in the boat slip over the years. A complete history of the Superior Wastewater Treatment Plant was not researched for this investigation. However, according to Dan Romans, Wastewater Treatment Administrator, storm sewers, sanitary sewers, and combined sewers have a somewhat complicated history in Superior, but for much of the 20th Century, there was either no sewer, or if there was, there was no treatment. In general, Superior city sewers represent a pathway for PAH, metals, and other chemicals to enter Superior Bay from anywhere in the city. Listed below are all the known companies doing business on the Superior shoreline in the vicinity of the subject property, as indicated on harbor maps obtained from the U.S. ACOE, and Sanborn maps.

Scofield Lumber Murry and McCann Saw Mill Northwest Fuel Company M.A. Hanna Coal Dock Northern Coal Dock Hallet and Carey Dock Company CLM, Inc. Superior Wastewater Treatment Plant Superior Fiber Products



7.0 REFERENCES

7.1 Persons Interviewed

Mr. Edward Parzych, Civil Engineering Technician, US Army Corps of Engineers, Detroit District, Duluth Area Office, 600 Lake Avenue South, Canal Park, Duluth, Minnesota 55802, (218) 720-5261.

Mr. Jim Weinzierl, Permit Engineer, US Army Corps of Engineers, St. Paul District, Two Harbors, Minnesota, (218) 834-6630.

Mr. Dana C. Stone, Vice President – Operations, CLM, Inc., 12th Avenue West and Waterfront, P.O. Box 16807, Duluth, Minnesota 55816, (218) 722-3981.

Mr. Dan Romans, Wastewater Treatment Administrator, Superior Wastewater Treatment Plant, Superior, Wisconsin, (715) 394-0392x104.

Mr. Gary Blaisdale, Superior Engineering Department, Superior, Wisconsin, (715) 394-0300.

7.2 Reports and Documents Reviewed

United States Geological Survey (USGS) 7.5 Minute Superior Wisconsin Quadrangle map, dated 1954, photorevised 1983.

United States Geological Survey (USGS) 15-Minute Superior Wisconsin Quadrangle map, dated 1917, reprinted 1939.

VISTA Information Solutions, Inc., Site Assessment Plus Report, Former MGP Property, Superior, Wisconsin, September 13, 2001.

US Army Corps of Engineers, Various Maps of the Duluth-Superior Harbor dated 1861, 1893, 1898, 1905, 1908, 1919, 1934, 1955, and 1966.

Historical Information Gatherers, Inc., Information Search, Aerial Photographs dated 1938, 1940, 1961, 1966, 1972, 1978, 1980, 1991, and 1997; and City Directories dated 1930, 1935, 1940, 1946, 1952, 1957, 1962, 1967, 1972, 1977, 1982, 1987, 1992, and 1998.

City of Superior, City Atlas dated 1891.

Superior Water Light & Power, Company Records for Gas Plant dated 1889 through 1930.

09413-098 Superior MGP\Phase | Report\Phase | Report



Sanborn Insurance Maps dated 1892 through 1955.

ERT, Inc., 1984, Handbook on Manufactured Gas Sites. Utilities Solid Waste Activities Group & Edison Electric Institute, September 1984.

7.3 Environmental Professionals Performing the Site Investigation

William M Gregg, Senior Program Manager; Site Inspection, Historical Records Review, and Report Preparation.

Andrew J. Tarara, Staff Specialist, Historical Records Review.

James R. Curtis, Project Manager; Quality Assurance Review.

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8.0 STUDY LIMITATIONS

This report describes the results of ENSR's due diligence investigation to identify the presence of significant environmental liabilities materially affecting the subject property. In the conduct of this due diligence investigation, ENSR has attempted to independently assess the presence of such problems within the limits of the established scope of work for this project.

As with any due diligence evaluation, there is a certain degree of dependence upon oral information provided by facility or site representatives which is not readily verifiable through visual inspection or supported by any available written documentation. ENSR shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed by facility or site representatives at the time this investigation was performed.

This report and all field data and notes were gathered and/or prepared by ENSR in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of ENSR's investigation of the site. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental conditions on site.

This report, including all supporting field data and notes (collectively referred to hereinafter as "information"), was prepared or collected by ENSR for the benefit of its client, SWL&P Company. The information may be released to third parties, who may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall create no rights, obligations, or liabilities on the part of ENSR with respect to any such party. The information shall not be used or relied upon by a party that does not agree to be bound by the above statement.



9.0 SIGNATURES AND QUALITY CONTROL REVIEW

BY: Alillian M William M. Gregg TITLE: Program Manager

DATE: October 8, 2001

QUALITY CONTROL REVIEW BY:

BY: James R. Curtis

TITLE: Project Manager

DATE: October 8, 2001



APPENDIX A

VISTA SITE ASSESSMENT REPORT

SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: 9413-098-100	Andrew Tarara
Former MGP Property	ENSR
Superior, WI	4500 Park Glen Road, Suite 210
Cross Street: Winter	St. Louis Park, MN 55416
Latitude/Longitude: (46.727216, 92.074427)	

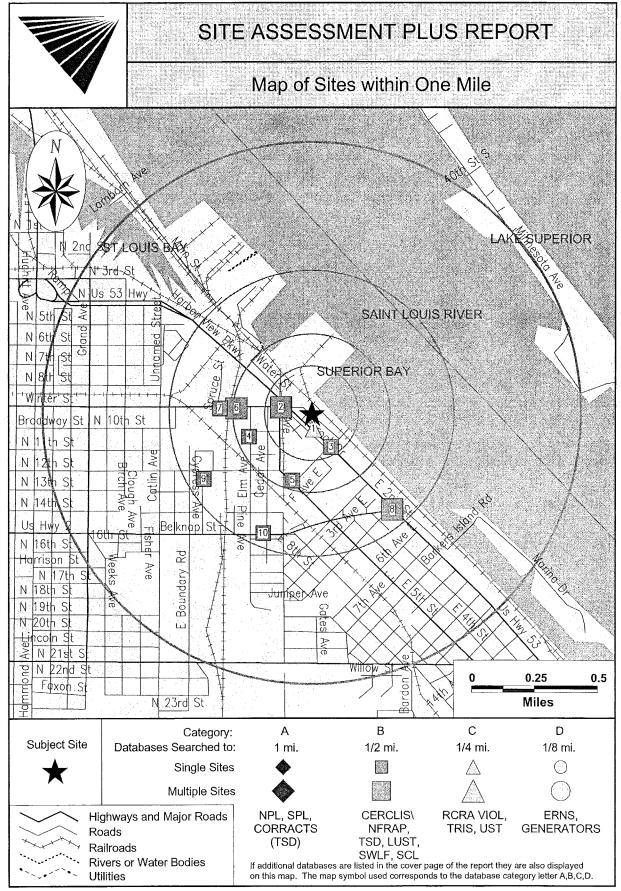
	Site Dis	tribution Summary	within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
Agency / D	atabase - Typ	e of Records				
A) Databas	es searched to	o 1 mile:		<u></u>		
US EPA	NPL	National Priority List	o	0	o	0
US EPA	CORRACTS	RCRA Corrective Actions (w/o TSD)	0	0	0	0
US EPA	TSD	RCRA Corrective Actions and associated TSD	0	0	0	0
STATE	SPL	State equivalent priority list	0	0	0	0
B) Database	es searched to	o 1/2 mile:				
STATE	SCL	State equivalent CERCLIS list	3	2	1	-
US EPA	CERCLIS / NFRAP	Sites currently or formerly under review by US EPA	0	0	0	-
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	-
STATE REG CO	LUST	Leaking Underground Storage Tanks	0	1	4	-
STATE/ REG/CO	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
USGS/STATE	WATER WELLS	Federal and State Drinking Water Sources	0	0	0	
C) Database	es searched to	o 1/4 mile:				
US EPA	RCRA Viol	RCRA violations/enforcement actions	1	0	_	-
UJLFA	TRIS	Toxic Release Inventory database	0	0	-	-
US EPA	IRIS.	· · · · · · · · · · · · · · · · · · ·				



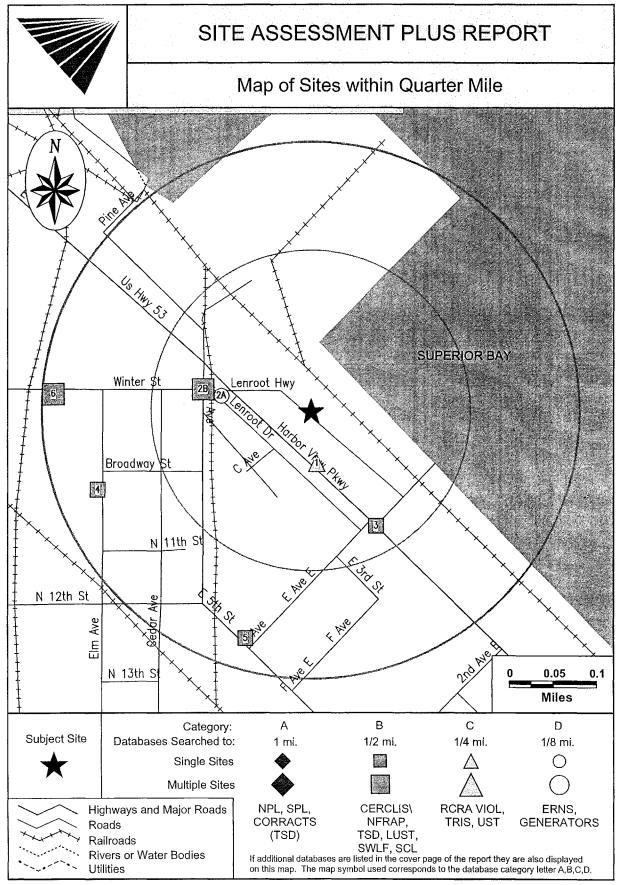
	Site Di	stribution Summary	within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
Agency /	Database - Ty	pe of Records				
D) Databa	ises searched	to 1/8 mile:				
US EPA	ERNS	Emergency Response Notification System of spills	0	_	-	-
JS EPA	GNRTR	RCRA registered small or large generators of hazardous waste	2	_	-	-
STATE	SPILLS	State spills list	0	-	-	
JS EPA	NOTIFIER	RCRIS Notifiers	1	-		-
or expense s		gents, employees and independent contractors can er resulting directly or indirectly from any information			cy, slorage, d	elivery, los
or expense so					cy, storage, d	eilvery, ios
					cy, storage, d	
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For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403 Report ID: 514301901 Date of Report: September 13, 2001



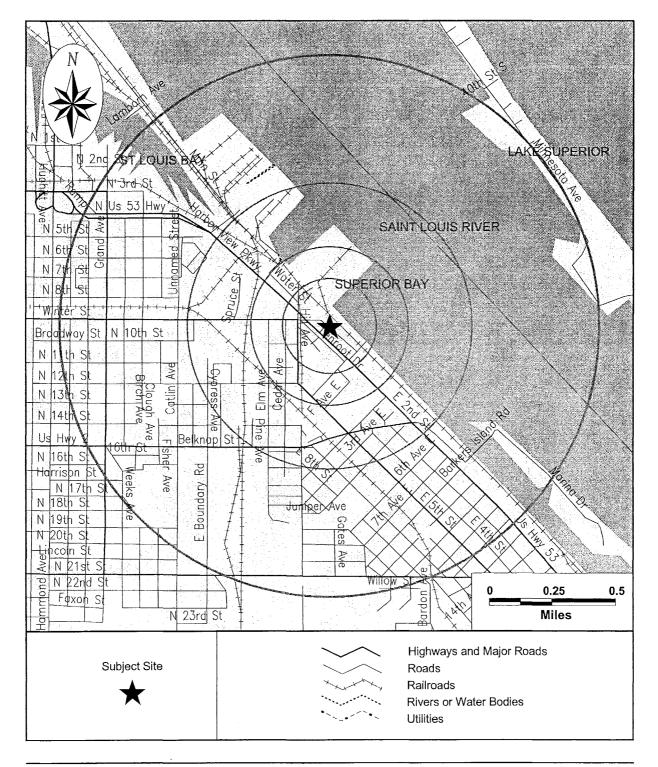
For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403Report ID: 514301901Date of Report: September 13, 2001

Page #4



SITE ASSESSMENT PLUS REPORT

Street Map



For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403 Report ID: 514301901 Date of Report: September 13, 2001

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SITE ASSESSMENT PLUS REPORT

SITE INVENTORY

				1	4				B	5				С			Ľ)	
MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile) VI. DIST DIRE	STA ID ANCE <u>CTION</u>	NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	ISD	LUST	SWLF	WATER WELLS	RCRA VIOL	IRIS	UST/AST	ERNS	GNRTR	SPILLS	NOTIFIERS
1	H AND H MARINE SALES ¹	84209 0.01 MI S											х				х		
2A		73881 1.05 MI W																	x
2B		88460 0.07 MI W															x		
2B		75944 .07 Ml W													х				
2B		17302 9.07 MI W					х												
2B		99641 .07 MI W					x												
3		01641 .09 Ml SE					x												

			ļ	1				E	3				С			Ľ)	
MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	NOTIFIERS
4	twin Ports Automotive 1015 Elm Superior, WI 54880	64539722 0.20 MI W				х												
5	SUPERIOR PROPANE FERRELLGAS 39 E 5TH ST SUPERIOR, WI 54880	7309693 0.21 MI SW				x												
6	222 WINTER ST SUPERIOR, WI 54880	66046901 0.23 MI W												х				



				1	١			€	E	3				С			C)	
MAP ID		VISTA ID DISTANCE IRECTION	NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	ISD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRIR	SPILLS	NOTIFIERS
6	Phils auto repair 222 Winter St Superior, WI 54880	7268009 0.24 MI W								х			-						

					۹.				j I	3				С			<u>ן</u>)	
MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION		CORRACTS	TSD CORRACTS	SPL	scl	CERCLIS/NFRAP	TSD	ISUL	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST//AST	ERNS	GNRIR	SPILLS	NOTIFIERS
7	JEFF FOSTER TRUCKING 322 WINTER ST SUPERIOR, WI 54880	7028151 0.30 MI W								х									
8	Bong Heritage Center 305 Harborview Parkway Superior, WI 0	66317269 0.43 MI SE					x												
8	MEADOWS PAUL SITE 4 BELKNAP ST SUPERIOR, WI 54880	3618786 0.44 MI SE								х									
9	GATEWAY FOODS 1230 POPLAR AVE SUPERIOR, WI 54880	7143079 0.44 MI W								x							•		
10	Metro Credit Union 25 Belknap St Superior, WI 54880	5339904 0.45 MI SW								x									
					4				E	3				С			C)	
MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID DISTANCE DIRECTION	NPL	CORRACTS	TSD CORRACTS	SPL	sci	CERCLIS/NFRAP	ISD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRIR	SPILLS	NOTIFIERS

No Records Found



			1	۱.				ેં દ	3				С			, C)	
UNMAPPED SITES	VISTA ID	NPL	CORRACTS	TSD CORRACTS	SPL	scl	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	NOTIFIERS
E ST	66764408													v				
SUPERIOR, WI 54880														^				
901 OGDEN/1702 WINTER ST	66767843													v				
SUPERIOR, WI 54880														×				



SITE ASSESSMENT PLUS REPORT

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*:	H AND H MARINE SALES 49 2ND ST SUPERIOR, WI 54880		VISTA ID#: Distance/Direction Plotted as:	184209 <0.01 MI / S Point	Mar 1
RCRA-Viola	tions / SRC# 11		EPA ID:	WID047245709	<u>1939</u>
Agency A	the second s	SAME AS ABOVE			
Violation N		WID04724570950001			
Area of Vic	plation:	GENERATOR-ALL REQUIREMEN	NTS		
Violation C	lass:	CLASS 2			
Priority Indi	icator:	NOT REPORTED			
Date Deter		03/31/1992			
Date Resol	ved:	04/01/1992			
Scheduled	Response Date:	04/01/1992			
	nt Action Number:	19920401001			
Enforceme	nt Action Date:	04/01/1992			
Lead Agen	ісу:	STATE			
	Reported by the Source	Enforcement Action Type(1)			
1. 1. The second se	en - RCRA-Small Generator / S	RC# 15	EPA ID:	WID047245709	
Agency Ad		SAME AS ABOVE			
EPA Regior		05			
Mailing Ad		49 2ND ST			
		SUPERIOR WI 54880			
Significant	Non-Complier Indicator:	HANDLER IS NOT A SIGNIFICA	NT NON-COMPLIER AT BEGI	NNINGOF FISCAL YEAR.	
RCRA Facil	ty Classification(s):	HANDLER IS NOT A MEMBER C	OFTHE SUBJECT TO CORRECT	IVE ACTION UNIVERSE.	
		HANDLER IS NOT A MEMBER C HANDLER IS NOT A MEMBER C UNIVERSE. HANDLER IS NOT A MEMBER C UNIVERSE. HANDLER IS A MEMBER OF TH GENERATOR UNIVERSE. FACILITY IS NOT A MEMBER O FACILITY IS NOT A MEMBER O FACILITY IS NOT A MEMBER O	DFTHE VERIFIED FULLY-REGUL DFTHE VERIFIED SMALL QUAN EVERIFIED CONDITIONALLY L FTHE VERIFIED STORAGE/TRE FTHE VERIFIED LAND DISPOS,	ATEDGENERATOR ITITYGENERATOR EXEMPT SMALL QUANTITY ATMENT UNIVERSE. ALUNIVERSE.	
Notification	n Туре:	PART A DATA - CORE			
Contact:		BOB HOMSEY			
Title:		SALES MGR			
Phone:		(715) 394-3849			
Contact Ad	ddress:	49 2ND ST			
Notificatior	1 Туре:	SUPERIOR WI 54880 NOTIFICATION DATA - CORE			



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: **514301901** Version 2.7 Solutions, Inc. at **1 - 800 - 767 - 0403**. Date of Report: **September 13, 2001** Page #9

Contact:	BOB HOMSEY
Title:	SALES MGR
Phone:	(715) 394-3849
Contact Address:	49 2ND ST
	SUPERIOR WI 54880
Owner/Operator Indicator:	CURRENT OWNER
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	HOMSEY BOB
Phone:	(312) 555-1212
Address:	ADDRESS NOT REPORTED
	CITY NOT REPORTED AK 99998
Owner/Operator Indicator:	CURRENT OPERATOR PRIVATE
Owner/Operator Type:	
Owner/Operator Name:	NAME NOT REPORTED
Phone:	(312) 555-1212
Address:	ADDRESS NOT REPORTED
Generator Indicator:	CITY NOT REPORTED AK 99998 CONDITIONALLY EXEMPT SMALLQUANTITY GENERATOR
Transporter Indicator:	UNVERIFIED
TSD Indicator:	NOT A TSD, UNVERIFIED
Burner/Blender Indicator:	UNVERIFIED
HWF Market to Burner Indicator:	NO GENERATOR-MARKETING-TO-BURNER ACTIVITY
HWF Other Marketer Indicator:	NO OTHER MARKETER ACTIVITY
HWF Burner Indicator:	NO BURNER ACTIVITY
Used Oil Fuel Marketer to Burner Indicat:	NO MARKETING TO BURNER ACTIVITY
Used Oil Fuel Burner Indicator:	NO USED OIL FUEL BURNER ACTIVITY
Specification Used Oil Marketing Indicat:	NO SPEC, USED OIL FUEL MARKETING ACTIVITY
Utility Boiler Indicator:	ΝΟ ΑCTIVITY
Industrial Boiler Indicator:	ΝΟ ΑCTIVITY
Industrial Furnace Indicator:	ΝΟ ΑCTIVITY
Underground Injection Control Indicator:	ΝΟ ΑCTIVITY
Used Oil Recycler Indicator:	UNVERIFIED
Used Oil Transporter Indicator:	NO USED OIL TRANSPORT/TRANSFER FACILITY ACTIVITY
Used Oil Processor/Re-refiner:	NO PROCESS/RE-REFINE ACTIVITY
Air Transporter Indicator:	DOES NOT TRANSPORT BY AIR
Rail Transportation Indicator:	DOES NOT TRANSPORT BY RAIL
Road Transportation Indicator:	DOES NOT TRANSPORT BY ROAD
Water Transportation Indicator:	DOES NOT TRANSPORT BY WATER
Generator Status Description:	CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Generator Status:	NOT RCRA REGULATED
Information Source:	NOTIFICATION
Date Submitted:	05/04/1989
Evaluation Number:	19920331001
Evaluation Type:	COMPLIANCE EVALUATION INSPECTION.
Evaluation Date:	03/31/1992
Lead Agency:	STATE



Fields Not Reported by the Source Agency for this Site: Other Transportation Indicator(1), Transporter Status Description(1), TSD Status Description(1), Burner/Blender Status Description(1), Transporter Status(1), TSD Status(1), Burner/Blender Status(1), Used Oil Recycler RCRA Regulatory Status(1), Evaluation Coverage Area(1)

VISTA Address*: MIDWEST ENERGY RES S 2 MI FROM HWY 53 ON SUPERIOR, WI 54880	UP MDWST ENRGY TERM WINTER ST	VISTA ID#: Distance/Direction: Plotted as:	273881 0.05 MI / W Point	Map ID 2A
RCRA Notifiers / SRC# 1298		EPA ID:	WID079716973	Les et de son start e
Agency Address:	SAME AS ABOVE			
EPA Region:	05			
EPA ID:	WID079716973			
Current Notifier Status:	RCRIS NOTIFIER (UPDATED NOT	TIFICATION)		
RCRA Facility Classification(s):	, UNVERIFIED			
Contact: Title:	JOHN ETHEN MANAGER			
Phone:	(715) 392-9807			
Contact Address:	PO BOX 706			
	SUPERIOR, WI 54880			
Contact:	JOHN ETHEN			
Title:	MANAGER			
Phone:	(715) 392-9807			
Contact Address:	PO BOX 706			
	SUPERIOR, WI 548B0 CURRENT OWNER			
Owner/Operator Indicator:				
Owner/Operator Type:	PRIVATE			
Owner/Operator Name:	NAME NOT REPORTED			
Phone:	(312) 555-1212			
Address:	ADDRESS NOT REPORTED			
	CITY NOT REPORTED, AK 99998			
Owner/Operator Indicator:	CURRENT OPERATOR			
Owner/Operator Type:	PRIVATE			
Owner/Operator Name:	NAME NOT REPORTED			
Phone:	(312) 555-1212			
Address:	ADDRESS NOT REPORTED			
	CITY NOT REPORTED, AK 99998			
Fields Not Reported by the Source Agency for this Site:	Mailing Address(1), Land Type	(1)		



VISTA Address*: HILL AVE AND WINTER ST SUPERIOR, WI 54880		VISTA ID#: Distance/Direction: Plotted as:	Point
CRA-SmGen - RCRA-Small Generator /		EPA ID:	WID980793665
Agency Address:	CLM CORP FOOT OF HILL AVE SUPERIOR, WI 54880		
EPA Region:	05		
Mailing Address:	FOOT OF HILL AVE		
Significant Non-Complier Indicator:	SUPERIOR WI 54880 HANDLER IS NOT A SIGNIF	ICANT NON-COMPLIER AT BEGI	NNINGOF FISCAL YEAR.
RCRA Facilty Classification(s):	HANDLER IS NOT A MEMB	ER OFTHE SUBJECT TO CORRECT	IVE ACTION UNIVERSE.
Notification Type:	HANDLER IS NOT A MEMB UNIVERSE. HANDLER IS A MEMBER OI HANDLER IS NOT A MEMB QUANTITY GENERATOR UI FACILITY IS NOT A MEMBE FACILITY IS NOT A MEMBE	ER OFTHE RCRA REGULATED TRA ER OFTHE VERIFIED FULLY-REGUL F THEVERIFIED SMALL QUANTITY ER OFTHE VERIFIED CONDITIONA VIVERSE. R OFTHE VERIFIED STORAGE/TRE. R OFTHE VERIFIED LAND DISPOS, R OFTHE VERIFIED COMBUSTION	ATEDGENERATOR GENERATOR UNIVERSE, ALLY EXEMPT SMALL ATMENT UNIVERSE, ALUNIVERSE,
21	DANA STONE		
Contact:	VP		
fitle:	(218) 722-3981		
Phone:	FOOT OF HILL AVE		
Contact Address:			
Notification Type:	SUPERIOR WI 54880 NOTIFICATION DATA - CO	DRE	
Contact:	DANA STONE		
fitle:	VP		
Phone:	(218) 722-3981		
Contact Address:	FOOT OF HILL AVE		
	<i>SUPERIOR WI 54880 CURRENT OWNER</i>		
Owner/Operator Indicator:	PRIVATE		
Owner/Operator Type:	CUTLER-MAGNER CO		
Owner/Operator Name:	(312) 555-1212		
Phone:	ADDRESS NOT REPORTED		
Address:	CITY NOT REPORTED AK 9: CURRENT OPERATOR	9998	
Owner/Operator Indicator:	PRIVATE		
Owner/Operator Type:			
Owner/Operator Name:	NAME NOT REPORTED		
Phone:	(312) 555-1212		
Address:	ADDRESS NOT REPORTED	0000	
Concreter Indicator:	CITY NOT REPORTED AK 9: SMALL QUANTITY GENERA		
Generator Indicator:	UNVERIFIED		
Fransporter Indicator:	NOT A TSD, UNVERIFIED		
ISD Indicator:	UNVERIFIED		
Burner/Blender Indicator:	NO GENERATOR-MARKET		



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 514301901 Version 2.7 Date of Report: September 13, 2001 Page #12

HWF Other Marketer Indicator:	NO OTHER MARKETER ACTIVITY
HWF Burner Indicator:	NO BURNER ACTIVITY
Used Oil Fuel Marketer to Burner Indicat:	NO MARKETING TO BURNER ACTIVITY
Used Oil Fuel Burner Indicator:	NO USED OIL FUEL BURNER ACTIVITY
Specification Used Oil Marketing Indicat:	NO SPEC, USED OIL FUEL MARKETING ACTIVITY
Utility Boiler Indicator:	ΝΟ ΑCTIVITY
Industrial Boiler Indicator:	ΝΟ ΑCTIVITY
Industrial Furnace Indicator:	ΝΟ ΑCTIVITY
Underground Injection Control Indicator:	NOACTIVITY
Used Oil Recycler Indicator:	UNVERIFIED
Used Oil Transporter Indicator:	NO USED OIL TRANSPORT/TRANSFER FACILITY ACTIVITY
Used Oil Processor/Re-refiner:	NO PROCESS/RE-REFINE ACTIVITY
Air Transporter Indicator:	DOES NOT TRANSPORT BY AIR
Rail Transportation Indicator:	DOES NOT TRANSPORT BY RAIL
Road Transportation Indicator:	DOES NOT TRANSPORT BY ROAD
Water Transportation Indicator:	DOES NOT TRANSPORT BY WATER
Generator Status:	RCRA REGULATED
Information Source:	NOTIFICATION
Date Submitted:	05/16/1986
Fields Not Reported by the Source Agency for this Site:	Other Transportation Indicator(1), Generator Status Description(1), Transporter Status Description(1), TSD Status Description(1), Burner/Blender Status Description(1), Transporter Status(1), TSD Status(1), Burner/Blender Status(1), Used Oil Recycler RCRA Regulatory Status(1)

VISTA HILL AVE WINTER ST		VISTA ID#:	66075944	Map ID
Address*: SUPERIOR, WI 54880	이 있는 것 같은 것 같은 것 같은 것은 것은 것은 것은 것은 것을 가지 않는 것을 가지 않는 것을 가지 않는 것을 하는 것을 하는 것을 가지 않는 것을 가지 않는 것을 가지 않는 것을 하는 것을 같은 것은	Distance/Direction	0.07 MI / W	
		Plotted as:	Point	<u> </u> 2B
TATE UST - State Underground Stora	ge Tank / SRC# 537	Agency ID:	113270	
Agency Address:	SAME AS ABOVE			
Site ID #:	113270			
Site Name:	NOT REPORTED			
Site Address:	HILL AVE WINTER ST			
	SUPERIOR, WI 54880			
Site County:	DOUGLAS			
Municipal Type:	CITY			
Municipal Name:	SUPERIOR			
Total Underground Tanks:	2			
Total Aboveground Tanks:	NOT REPORTED			
Total Tanks Removed:	0			
Owner Name:	NATIONAL GYPSUM CO C	CEMENT DIV		
Owner Address:	4000 TOWN CENTER, SUIT	E 2000		
	SOUTHFIELD, MI 48037			
Land Owner Type:	PRIVATE			
Tank ID #:	284277			
Tank Type:	UST			
Wang Object ID #:	160100531			



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 514301901 Date of Report: September 13, 2001 Report ID: **514301901** Version 2.7 Page #13

Tank Status:	ABANDONED WITHOUT PRODUCT
Tank Contents:	FUEL OIL
Tanlk Capacity (G):	250
Tank Occupancy Type:	INDUSTRIAL
Tank ID #:	284276
Tank Type:	UST
Wang Object ID #:	160100530
Tank Status:	ABANDONED WITHOUT PRODUCT
Tank Contents:	FUEL OIL
Tanlk Capacity (G):	250
Tank Occupancy Type:	INDUSTRIAL
Fields Not Reported by the Source Agency for this Site:	Owner Address(1), Tank Status Date(2)

VISTA	CLM-HURON	CEMENT	실험 감독자	VI	STA ID#:	66317302	Map ID
Address*:	CLM CEMENT	PLT		Di	istance/Directi	on: 0.07 MI / W	.
	SUPERIOR. WI	그 한 성질 것 같은 것을 받았다.		Pl	otted as:	Point	ZB

Agency Address:	CLM-HURON CEMENT CLM CEMENT PLT SUPERIOR, WI
Facility Name:	CLM-HURON CEMENT
Facility Address:	CLM CEMENT PLT
Facility City:	SUPERIOR
Facility State:	W!
Facility County:	DOUGLAS
Facility Type:	NOT REPORTED
Activity Number:	0216000089
Activity Name:	CLM-HURON CEMENT
Priority:	HIGH
Risk Rank:	UNKNOWN
Risk Date:	12/01/1999
Drycleaner Site:	N
NPL Status:	UNKNOWN
State Status:	NOT REPORTED
Action Name:	NOTIFICATION
Action Date:	10/20/1982
Action Name:	MISCELLANEOUS
Action Date:	09/16/1992
Action Comments:	TREAT DISPOSE FORMS APPROVED
Action Name:	MISCELLANEOUS/2
Action Date:	10/19/1992
Action Comments:	TREAT DISPOSE FORMS APPROVED
Action Name:	MISCELLANEOUS/3
Action Date:	12/02/1992
Action Comments:	ADDENDUM TO BENZENE CALCULATIONS. 318 CU YDS TOTAL



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 514301901 Date of Report: September 13, 2001 Version 2.7 Page #14

Fields Not Reported by the Source Agency for this Site: Facility ID #(1), Lead Agency(1), Action Comments(1)

VISTA MARINE FUELIN	NG TERMINAL	VISTA ID#:	65199641	Map II
Address*: WINTER ST HILL	한 것이는 것이 같은 것이 같은 것이 있는 것 같은 것이 같이 있는 것이 없는 것이 있는 것이 같이 것이다.	Distance/Direction	i the second provide the second se	
SUPERIOR, WI	영화 방법 중심과 방법에게 요즘 이상 방법에 방법에 방법에서 감독을 받는 것이 없다.	Plotted as:	Point	─ 2B
CL - State Equivalent CERCLI		EPA/Agency ID:	N/A	
Agency Address:	MARINE FUELING TERMI, WINTER ST HILL AVE SUPERIOR, WI			
Facility Name:	MARINE FUELING TERMIN	NAL		
Facility Address:	WINTER ST HILL AVE			
Facility City:	SUPERIOR			
Facility State:	WI			
Facility County:	DOUGLAS			
Facility Type:	NOT REPORTED			
Activity Number:	0216000446			
Activity Name:	MARINE FUELING TERMI	NAL		
Priority:	HIGH			
Risk Rank:	HIGH			
Risk Date:	12/30/1999			
Drycleaner Site:	N			
NPL Status:	UNKNOWN			
State Status:	NOT REPORTED			
Action Name:	NOTIFICATION			
Action Date:	10/01/1991			
Action Name:	REMEDIAL ACTION REPO	ORT RECEIVED		
Action Date:	11/10/1997			
Action Name:	REMEDIAL ACTION REPO	ORT RECEIVED/2		
Action Date:	12/04/1997			
Action Name:	REMEDIAL DESIGN STAR	T - STATE LEAD		
Action Date:	03/12/1997			
Action Name:	CLOSURE REVIEW REQU	EST RECEIVED WITH FEE		
Action Date:	12/11/1998			
Action Comments	\$750. HOSCH			
Action Name:	CLOSURE REVIEW REQ R	RECEIVED(W/OUT FEE)		
Action Date:	02/23/1999			
Action Comments	ADDITIONAL INFO			
Action Name:	CLOSURE NOT APPROV	ED		
Action Date:	02/08/1999			
Action Name:	CONDITIONAL CLOSURE	9		
Action Date:	06/03/1999			
Action Comments	GW USE RESTRICTION RE	EQUIRED		
Action Name:	GROUNDWATER USE RE	STRICTIONCLOSURE		
Action Date:	06/03/1999			
Action Name:	MISCELLANEOUS			



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 514301901 Version 2.7 Date of Report: September 13, 2001 Page #15

12/19/2000 Action Date: STATUS UPDATE REQUEST LETTERSENT **Action Comments** Facility ID #(1), Lead Agency(1), Action Comments(6), Responsible Party Fields Not Reported by the Source Address(1) Agency for this Site:

VISTA Address*;	E ST ELEVATED WETLAND E ST E 2ND ST SUPERIOR, WI 0)	VISTA ID#: Distance/Direction: Plotted as:	65201641 0.09 MI / SE Point	Map ID 3
SCL - State	Equivalent CERCLIS List / SRC	# 539	EPA/Agency ID:	N/A	
Agency Ad Facility Na		E ST ELEVATED WETLAND E ST E 2ND ST SUPERIOR, WI E ST ELEVATED WETLAND			
Facility Ad		E ST E 2ND ST			
Facility Cit		SUPERIOR			
Facility Sta	-	W			
Facility Co		DOUGLAS			
Facility Typ	-	NOT REPORTED			
Activity Nu		0216000366			
Activity Na		E STREET ELEVATED WETLAND			
Priority:		UNKNOWN			
Risk Rank:		UNKNOWN			
Risk Date:		12/01/1999			
Drycleane	r Site:	N			
NPL Status:		UNKNOWN			
State Statu	S:	NOT REPORTED			
Action Na	me:	NOTIFICATION			
Action Dat	e:	06/05/1979			
Action Na	me:	ACTIVITY CLOSED			
Action Dat	e:	08/06/1998			
Action Cor	mments	CLOSED PER SLAVALLEY, PM			
Pollutant(s)):	OTHER			
		NOT REPORTED NOT REPORTED			
Fields Not Agency fo	Reported by the Source r this Site:	Facility ID #(1), Lead Agency(Responsible Party Address(1), Responsible Party Zip(1), ERP L	Responsible Party City(1), R	Responsible Party State(1),	

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) Lion VICTA ID CAE20722

VISTA Address*:	TWIN PORTS AUTOMOTI 1015 ELM SUPERIOR, WI 54880	VE	VISTA ID#: Distance/Direction Plotted as:	64539722 0.20 MI / W Point	Map ID
SCL - State I	Equivalent CERCLIS List / SRO	C# 539	EPA/Agency ID;	N/A	<u>lar dr. dr.</u>
Agency A		TWIN PORTS AUTOMOTIVE 1015 ELM SUPERIOR, WI			
Facility Na	me:	TWIN PORTS AUTOMOTIVE			



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: **514301901** Version 2.7 Date of Report: September 13, 2001 Page #16 SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Facility Address:	1015 ELM
Facility City:	SUPERIOR
Facility State:	WI
Facility County:	DOUGLAS
Facility Type:	NOT REPORTED
Activity Number:	0216000083
Activity Name:	TWIN PORTS AUTOMOTIVE
Priority:	UNKNOWN
Risk Rank:	UNKNOWN
Risk Date:	12/01/1999
Drycleaner Site:	Ν
NPL Status:	UNKNOWN
State Status:	NOT REPORTED
Action Name:	NOTIFICATION
Action Date:	08/11/1993
Action Name:	ACTIVITY CLOSED
Action Date:	08/06/1998
Action Comments	CLOSED PER S LAVALLEY, PM
Fields Not Reported by the Source	Facility ID #(1), Lead Agency(1), Action Comments(1)
Agency for this Site:	

VISTA Address*:	SUPERIOR PROPANE FER 39 E 5TH ST SUPERIOR, WI 54880	RELLGAS	VISTA ID#: Distance/Directi Plotted as:	7309693 on: 0.21 MI / SW Point	Map ID
SCL - State	Equivalent CERCLIS List / SRC)# 539	EPA/Agency ID:	N/A	
Agency A	ddress:	SUPERIOR PROPANE 39 E 5TH ST SUPERIOR, WI	FERRELLGAS		
Facility Na	me:	SUPERIOR PROPANE	FERRELLGAS		
Facility Ad	dress:	39 E 5TH ST			
Facility Cit	y :	SUPERIOR			
Facility Sta	ite:	WI			
Facility Co	unty:	DOUGLAS			
Facility Typ	be:	NOT REPORTED			
Activity Nu	ımber:	0216182463			
Activity Na	ame:	SUPERIOR PROPANE.	FFERRELLGAS		
Priority:		UNKNOWN			
Risk Rank:		UNKNOWN			
Risk Date:		12/01/1999			
Drycleane	r Site:	Ν			
NPL Status:		UNKNOWN			
State Statu	S:	NOT REPORTED			
Action Nai	me:	NOTIFICATION			
Action Dat	e:	02/19/1998			
Action Nat	me:	RP LETTER SENT		······	
Action Dat	e:	02/25/1998			



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 514301901 Date of Report: September 13, 2001 Version 2.7 Page #17 SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Action Name:	MISCELLANEOUS
Action Date:	06/11/1998
Action Comments	CONSULTANT HIRED
Pollutant(s):	METALS
Pollutant(s):	NOT REPORTED NOT REPORTED PAHS
	NOT REPORTED NOT REPORTED
Fields Not Reported by the Source Agency for this Site:	Facility ID #(1), Lead Agency(1), Action Comments(2), Impact Comments(2), ERP Disposal City(2), ERP Disposal State(2)

VISTA 222 WINTER ST			VISTA ID#:	66046901	Map ID
Address*:	SUPERIOR, WI 54880		Distance/Direction	0.23 MI / W	
			Plotted as:	Point	6
TATE UST - S	State Underground Storage T	ank / SRC# 537	Agency ID:	117665	
Agency Ad	ddress:	SAME AS ABOVE]
Site ID #:		117665			
Site Name:	:	NOT REPORTED			
Site Addres	ss:	222 WINTER ST			
Cito Count		SUPERIOR, WI 54880 DOUGLAS			
Site County		CITY			
Municipal 1		SUPERIOR			
Municipal I		3			
	rground Tanks:	NOT REPORTED			
	eground Tanks: Removed:	3			
Owner Nar		JOSEPH PENNEY			
Owner Nar Owner Ado		1309 BROADWAY			
Owner Auc	ness	SUPERIOR, WI 54880			
Land Owne	er Type:	PRIVATE			
Tank ID #:		284559			
Tank Type:		UST			
Wang Obje	ect ID #:	160100870			
Tank Status	5:	CLOSED/REMOVED			
Tank Status	Date	12/12/1997			
Tanlk Capa	acity (G):	3000			
Tank Occu	pancy Type:	GAS/RETAIL SALES			
Tank ID #:	· · · · · · · · · · · · · · · · · · ·	284558			
Tank Type:		UST			
Wang Obje	ect ID #:	160100869			
Tank Status		CLOSED/REMOVED			
Tank Status	Date	12/12/1997			
Tank Conte	ents:	UNLEADED GASOLINE			
Tanlk Capa		3000			
-	pancy Type:	GAS/RETAIL SALES			



Report ID: **514301901** Version 2.7

* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 514301901 Date of Report: September 13, 2001 Page #18 SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank ID #:	284557
Tank Type:	UST
Wang Object ID #:	160100868
Tank Status:	CLOSED/REMOVED
Tank Status Date	12/12/1997
Tank Contents:	UNLEADED GASOLINE
Tanlk Capacity (G):	3000
Tank Occupancy Type:	GAS/RETAIL SALES
Fields Not Reported by the Source Agency for this Site:	Tank Contents(1)

VISTA	PHILS AUTO REPAIR		VISTA ID#:	7268009	MapID
Address*:	222 WINTER ST		Distance/Direction:	0,24 MI / W	
	SUPERIOR, WI 54880		Plotted as:	Point	- 6
STATE LUST -	State Leaking Underground	Storage Tank / SRC# 540	EPA/Agency ID:	N/A	
Agency A		PHILS AUTO REPAIR 222 WINTER ST SUPERIOR, WI			
Facility Na		PHILS AUTO REPAIR			
Facility Ad	dress:	222 WINTER ST			
Facility Cit	y:	SUPERIOR			
Facility Sta	ite:	W/			
Facility Co	unty:	DOUGLAS			
Facility ID	#:	816056340			
Activity NL		0316179976			
Activity Na		PHILS AUTO REPAIR			
Priority:		UNKNOWN			
Risk Rank:		UNKNOWN			
Risk Date:		12/01/1999			
Media Affe	ected:	SOIL CONTAMINATION			
Discovery	Date:	NOT REPORTED			
Media Affe		GROUNDWATER CONTAMINA	NION		
Discovery	Date:	NOT REPORTED			
Substance		LEADED GAS			
Substance	Released Comment:	2 TANKS, 3,000 EA			
Substance		UNLEADED GAS			
	Released Comment:	1 TANK, 3,000			
Fields Not Agency fo	Reported by the Source r this Site:	Agency Contact(1), Media A	ffected Comment(2)		



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA JEFF FOSTER TRUCKING		VISTA ID#:	7028151	Map ID
Address*: 322 WINTER ST		Distance/Direction:		- 7
SUPERIOR, WI 54880		Plotted as:	Point	
STATE LUST - State Leaking Underground	Storage Tank / SRC# 540	EPA/Agency ID:	N/A	
Agency Address: Facility Name:	JEFF FOSTER TRUCKING 322 WINTER ST SUPERIOR, WI JEFF FOSTER TRUCKING			
Facility Address:	322 WINTER ST			
Facility City:	SUPERIOR			
Facility State:	W/I			
Facility County:	DOUGLAS			
Facility ID #:	816056560			
Activity Number:	0316000662			
Activity Name:	RUAN LEASING CO			
Priority:	LOW			
Risk Rank:	LOW			
Risk Date:	12/01/1999			
Media Affected:	SOIL CONTAMINATION			
Media Affected Comment	SOIL CONTAMINATION			
Discovery Date:	NOT REPORTED			
Substance Released:	DIESEL			
Substance Released Comment:	DIESEL			
Substance Released:	FUEL OIL			
Substance Released Comment:	FUEL OIL			
Fields Not Reported by the Source Agency for this Site:	Agency Contact(1)			

VISTA Address*:	BONG HERITAG 305 HARBORVIE SUPERIOR, WI 0	W PARKWAY	/ISTA ID#: Distance/Direction: Plotted as:	66317269 0.43 MI / SE Point	Map ID
SCL - State I	Equivalent CERCLIS	List / SRC# 539	PA/Agency ID:	N/A	an ann an the Mar
Agency Ad		BONG HERITAGE CENTER 305 HARBORVIEW PARKWAY SUPERIOR, WI BONG HERITAGE CENTER			·
Facility Ad		305 HARBORVIEW PARKWAY			
Facility Cit		SUPERIOR			
Facility Sta	ite:	WI			
Facility Co	unty:	DOUGLAS			
Facility Type:		NOT REPORTED			
Activity Number:		0216259538			
Activity Name:		BONG HERITAGE CENTER			
Priority:		UNKNOWN			
Risk Rank:		UNKNOWN			
Risk Date:		10/11/2000			



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 514301901 Version 2.7 SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Drycleaner Site:	N				
NPL Status:	UNKNOWN				
State Status:	Status: NOT REPORTED				
Action Name:					
Action Date:	10/04/2000				
Action Name:	RP LETTER SENT				
Action Date:	10/11/2000				
Action Name:	TANK CLOSURE/SITE ASSESSM	ENTREPORT RECEIVED			
Action Date:	10/04/2000				
Action Name:	SITE INVESTIGATION REPORT F	RECEIVED WITH FEE	· · · · · · · · · · · · · · · · · · ·		
Action Date:	01/12/2001				
Action Comments	\$750. HOSCH				
Action Name:	SITE INVESTIGATION REPORT F	RECEIVED WITH FEE/2			
Action Date:	04/06/2001				
Action Comments	\$750. HOSCH.				
Pollutant(s):	PAHS				
Pollutant(s):	NOT REPORTED NOT REPORTED METALS				
Pollutant(s):	NOT REPORTED NOT REPORTED VOCS				
	NOT REPORTED NOT REPORTED				
Fields Not Reported by the Source Agency for this Site:	Facility ID #(1), Lead Agency Disposal City(3), ERP Disposal		npact Comments(3), ERP		
VISTA MEADOWS PAUL SITE		VISTA ID#:	3618786		
Address*: 4 BELKNAP ST		Distance/Direction	0.44 MI / SE		
SUPERIOR, WI 54880		Plotted as:	Point		
TATE LUST - State Leaking Underground	Storage Tank / SRC# 540	EPA/Agency ID:	N/A		
Agency Address:	MEADOWS PAUL SITE 4 BELKNAP ST SUPERIOR, WI		•		
Facility Name:	MEADOWS PAUL SITE				
Facility Address:	4 BELKNAP ST				
یر ۱۳۰۰ ۱۳۰۰ میں	CUDEBIOD				

VISTA	MEADOWS PAUL SITE		VISTA ID#:	3618786	Map ID
Address*:	4 BELKNAP ST		Distance/Direction:	0.44 MI / SE	
	SUPERIOR, WI 54880	사람 가슴 가슴 것을 알았는 것을 가지 않는 것 같은 것을 가 깨끗 물건을 가 많아 가슴다. 것 같은 것은 것을 가 많아요. 것 같은 것을 하는 것 같은 것을 하는 것 같은 것을 했다.		Point	8
STATE LUST -	State Leaking Underground	Storage Tank / SRC# 540	EPA/Agency ID:	N/A	
Agency A		MEADOWS PAUL SITE 4 BELKNAP ST SUPERIOR, WI MEADOWS PAUL SITE			
Facility Na					
Facility Ad	dress:	4 BELKNAP ST			
Facility Cit	y:	SUPERIOR			
Facility Sta	ite:	W/			
Facility Co	unty:	DOUGLAS			
Facility ID	#:	816099460			
Activity Nu	ımber:	0316000508			
Activity Na		MEADOWS, PAUL SITE			
Priority:		LOW			
Risk Rank:		LOW			
Risk Date:		12/01/1999			
Media Affected:		SOIL CONTAMINATION			
Media Affected Comment		SOIL CONTAMINATION			
Discovery	Date:	NOT REPORTED			



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 514301901 Version 2.7

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Substance Released:

Substance Released Comment:

FUEL OIL FUEL OIL

Fields Not Reported by the Source

Agency Contact(1)

Agency for this Site:

VISTA Address*;	GATEWAY FOODS		VISTA ID#: Distance/Direction	7143079	Map ID
, (GGI 0.30)	1230 POPLAR AVE SUPERIOR, WI 54880		Plotted as:	Point	- 9
STATE LUST -	State Leaking Underground	Storage Tank / SRC# 540	EPA/Agency ID:	N/A	
Agency A		GATEWAY FOODS 1230 POPLAR AVE SUPERIOR, WI		.	
Facility Na	me:	GATEWAY FOODS			
Facility Ad	dress:	1230 POPLAR AVE			
Facility Cit	y:	SUPERIOR			
Facility Sta	-	W/			
Facility Co		DOUGLAS			
Facility ID	-	816097700			
Activity NL		0316000782			
Activity Na		GATEWAY TWIN PORTS, INC S	SITE 1		
Priority:		HIGH			
Risk Rank:		MEDIUM			
Risk Date:		12/01/1999			
Media Affe	ected:	SOIL CONTAMINATION			
Media Affe	ected Comment	SOIL CONTAMINATION			
Discovery	Date:	NOT REPORTED			
Substance		UNLEADED GAS			
Substance	Released Comment:	UNLEADED GAS			
Substance	Released:	WASTE OIL			
Substance	Released Comment:	WASTE OIL			
Fields Not	Reported by the Source	Agency Contact(1)			
Agency fo					

VISTA Address*:	METRO CREDIT UNION 25 BELKNAP ST SUPERIOR, WI 54880		VISTA ID#: Distance/Direction: Plotted as:	5339904 0.45 MI / SW Point	- Map ID - 10
STATE LUST -	State Leaking Underground Stor	age Tank / SRC# 540	EPA/Agency ID:	N/A	- <u>1992 - 1993</u> 11
Agency A	ddress:	METRO CREDIT UNION 25 BELKNAP ST SUPERIOR, WI			
Facility Na	me:	METRO CREDIT UNION			
Facility Ad	dress:	25 BELKNAP ST			
Facility Cit	y :	SUPERIOR			
Facility Sta	ite:	WI			
Facility Co	unty:	DOUGLAS			
Facility ID	#:	816099570			
Activity Nu	umber:	0316000814			

* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: **514301901** Version 2.7 Date of Report: September 13, 2001 . Page #22 SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Activity Name:	METRO CREDIT UNION
Priority:	HIGH
Risk Rank:	HIGH
Risk Date:	12/01/1999
Media Affected:	SOIL CONTAMINATION
Media Affected Comment	SOIL CONTAMINATION
Discovery Date:	NOT REPORTED
Substance Released:	UNKNOWN HYDROCARBON
Substance Released Comment:	UNKNOWN HYDROCARBONS
Fields Not Reported by the Source Agency for this Site:	Agency Contact(1), Responsible Party Address(1)

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

No Records Found



UNMAPPED SITES

Records Found, No Details Displayed



SITE ASSESSMENT PLUS REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL VISTA conducts a database search to identify all sites within 1 mile of your property. SRC#: 19 The agency release date for National Priorities List was July, 2001. The NPL Report is the US EPA's registry of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. VISTA conducts a database search to identify all sites within 1 mile of your property. SPL SRC#: 333 The agency release date for Superfund Permanent List of Priorities was May, 2001. This database is provided by the Pollution Control Agency. The agency may be contacted at: 612-297-1607. SPL VISTA conducts a database search to identify all sites within 1 mile of your property. SRC#: 334 The agency release date for Master Entity System Data was May, 2001. This database is provided by the Pollution Control Agency, PW and SW Division. The agency may be contacted at: 651-296-1796. VISTA conducts a database search to identify all sites within 1 mile of your property. SPL SRC#: 535 The agency release date for Hazard Ranking List was July, 1994. This database is provided by the Department of Natural Resources, Environmental Response and Repair Section. The agency may be contacted at: 608-264-6009. CORRACTS VISTA conducts a database search to identify all sites within 1 mile of your property. SRC#: 14 The agency release date for RCRIS Corrective Action Sites was June, 2000.

The CORRACTS database contains information concerning RCRA facilities that have conducted, or are currently conducting a corrective action. A Corrective Action Order is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may also be imposed as a requirement of receiving and maintaining a TSDF permit.



RCRIS-TSDCVISTA conducts a database search to identify all sites within 1 mile of your property.SRC#: 556The agency release date for RCRIS TSDs Subject to Corrective Action was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDCs are treatment, storage and/or disposal facilities that are subject to corrective action under RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLISVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 17The agency release date for Comprehensive Environmental Response, Compensation
and Liability Information Sys was July, 2001.

The CERCLIS database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL).

NFRAP VISTA conducts a database search to identify all sites within 1/2 mile of your property.
 SRC#: 18 The agency release date for No Further Remedial Action Planned was July, 2001.

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

SCLVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 331The agency release date for Voluntary Investigation Cleanup Program List was March,
2001.

This database is provided by the Pollution Control Agency, Site Assessment Unit. The agency may be contacted at: 612-296-8407. The Minnesota Voluntary Investigation and Cleanup Program Database includes identified hazardous waste sites where the investigation and cleanup activities are completed through Voluntary actions of the responsible party(s).

SCLVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 534The agency release date for Hazard Ranking List was July, 1994.

This database is provided by the Department of Natural Resources. The agency may be contacted at: 608-264-6009.



SCLVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 539The agency release date for Enironmental Repair Program (ERP) Sites List was May, 2001.

This database is provided by the Department of Natural Resources, Environmental Response and Repair Section. The agency may be contacted at: 608-266-2699. The Wisconsin Hazardous Waste Sites Database was compiled from the following five lists from the State of Wisconsin: the ERP Ranking which lists the sites of concern in the state; the Environmental Fund Firms/ Projects which lists the sites of concern and the funds expended at the site; the Inventory of Sites or Facilities Which May Cause or Threaten to Cause Environmental Pollution which provides the media affected at the site, the current action at the site, and the party providing the repair funding; the Superfund Sites in Wisconsin and Wisconsin Sites Nominated/Proposed for Inclusion on the NPL Under Original HRS (Hazard Ranking Scoring System) which provides a list of current and potential NPL Superfund Sites; and the Hazard Ranking List which provides the current hazard ranking scores for most sites as well as a detailed description of those sites.

RCRIS-TSDVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 12The agency release date for RCRIS Treatment, Storage and Disposal Facilities was June,
2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLFVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 23The agency release date for USGS Solid Waste Landfills was December, 1991.

This database is provided by the United States Geological Survey. The agency may be contacted at: 703-648-5613.

SWLFVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 326The agency release date for Permitted Solid Waste Facilities was March, 1999.

This database is provided by the Pollution Control Agency, Document Center. The agency may be contacted at: 612-296-7276.

SWLFVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 332The agency release date for Open Dump Inventory was May, 2001.

This database is provided by the MN Pollution Control Agency, Solid Waste Section. The agency may be contacted at: 651-297-1796.



SWLFVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 536The agency release date for Incinerators was February, 1999.

This database is provided by the Department of Natural Resources, Environmental Response and Repair Section. The agency may be contacted at: 608-264-8854.

SWLFVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 538The agency release date for Solid and Hazardous Waste Data System was August, 1999.

This database is provided by the Department of Natural Resources, Environmental Response and Repair Section. The agency may be contacted at: 608-264-6009.

SWLFVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 810The agency release date for Registry of Waste Disposal Sites was January, 2000.

This database is provided by the Department of Natural Resources, Environmental Response and Repair Section. The agency may be contacted at: 608-264-6009.

LUSTVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 327The agency release date for Leak Sites Listing was January, 2001.

This database is provided by the Pollution Control Agency, Hazardous Waste Division-Tanks and Spills. The agency may be contacted at: 612-297-2552.

LUSTVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 540The agency release date for Leaking Underground Storage Tanks was May, 2001.

This database is provided by the Department of Natural Resources. The agency may be contacted at: 608-264-6009.

USGS-WELLSVISTA conducts a database search to identify all sites within 1/2 mile of your property.SRC#: 3The agency release date for USGS Water Wells was March, 1998.

The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database contains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used or documented during research.



				/4 MILE	

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RCRIS-VIOL SRC#: 11	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for RCRIS Facilities with Violations was June, 2000.
	The Resource Conservation and Recovery Act Information System (RCRIS) identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Violations report contains information concerning facilities that have been cited for violations of RCRA, as well as any enforcement actions taken against the facility.
UST SRC#: 325	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Statewide Facilities Tank Information was January, 2000.
	This database is provided by the Department of Agriculture, Agronomy and Plant Protection. The agency may be contacted at: 612-297-5640.
UST SRC#: 328	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Underground Storage Tanks was November, 1999.
	This database is provided by the Print Communications Division. The agency may be contacted at: 612-297-2552. Be advised that some states do not require registration of heating oil tanks, especially those used for residential purposes.
UST SRC#: 537	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Underground Storage Tanks was July, 2001.
	This database is provided by the Department of Commerce, Bureau of Storage Tank Regulation. The agency may be contacted at: 608-267-1384. Be advised that some states do not require registration of heating oil tanks, especially those used for residential purposes.
AST SRC#: 329	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Aboveground Storage Tanks was November, 1999.
	This database is provided by the Print Communications Division. The agency may be contacted at: 612-297-2552.
AST SRC#: 1273	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Aboveground Storage Tanks was July, 2001.
	This database is provided by the Department of Commerce, Bureau of Storage Tank

This database is provided by the Department of Commerce, Bureau of Storage Tank Regulation. The agency may be contacted at: 608-267-1384. Be advised that some states do not require registration of heating oil tanks, especially those used for residential purposes.



TRISVISTA conducts a database search to identify all sites within 1/4 mile of your property.SRC#: 2The agency release date for Toxic Release Inventory System was January, 1998.

All facilities that manufacture, process, or import toxic chemicals in quantities in excess of 25,000 pounds per year are required to register with the EPA under Section 313 of the Superfund Amendments and Reauthorization Act (SARA Title III) of 1986. Data contained in the TRIS system covers approximately 20,000 sites and 75,000 chemical releases.

D) DATABASES SEARCHED TO 1/8 MILE

ERNSVISTA conducts a database search to identify all sites within 1/8 mile of your property.SRC#: 8The agency release date for Emergency Response Notification System was December,
2000.

ERNS is a national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party.

RCRA-LQG VISTA conducts a database search to identify all sites within 1/8 mile of your property. SRC#: 16 The agency release date for RCRIS Large Quantity Generators was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRIS-SQGVISTA conducts a database search to identify all sites within 1/8 mile of your property.SRC#: 15The agency release date for RCRIS Small Quantity Generators was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small Quantity Generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

RCRIS-NOTIVISTA conducts a database search to identify all sites within 1/8 mile of your property.SRC#: 1298The agency release date for RCRIS Notifiers was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Notifiers contains information on formerly regulated RCRA sites with more complete historical information.





SMAP Superior Water Light & Power Company

October 5, 2001

Mr. Jamie Dunn Hydrogeologist, Northern Division WI Department of Natural Resources 810 W Maple Street Spooner, WI 54801

RE: SUPERIOR WATER, LIGHT AND POWER COMPANY - MANUFACTURED GAS PLANT

Dear Mr. Dunn:

Enclosed with this letter are two copies of the Phase I environmental assessment report of the former manufactured gas plant site located in Superior, WI. The plant was formerly owned and operated by Superior Water, Light and Power Company. The Phase I evaluation was performed by ENSR International in accordance with the American Society for Testing and Materials Practice E1527-00.

Also enclosed is a memo from Mr. Bill Gregg of ENSR containing a draft work plan for a Phase II investigation of the site.

I would like to schedule a meeting to discuss the Phase I report and content of the Phase II work plan. The schedule in the draft work plan suggests the fieldwork for Phase II to begin the first week of November. Please contact me at your earliest convenience to arrange a meeting date.

If you have any questions or would like any additional information, please contact me at 715-395-6288.

Thank you,

U. Michan S Complich

William S. Bombich General Manager

encs

2915 Hill Avenue, PO Box 519, Superior, WI 54880 • (715) 394-2200

Providing Superior Service

SPILLSVISTA conducts a database search to identify all sites within 1/8 mile of your property.SRC#: 330The agency release date for Spills Leaks Log Report was September, 1999.

This database is provided by the Pollution Control Agency, Hazardous Waste Division-Tanks and Spills. The agency may be contacted at: 651-297-8499.

SPILLSVISTA conducts a database search to identify all sites within 1/8 mile of your property.SRC#: 541The agency release date for Hazardous Substance Spills was May, 2001.

This database is provided by the Department of Natural Resources. The agency may be contacted at: 608-267-7569.

End of Report



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.Report ID: 514301901Date of Report: September 13, 2001Version 2.7Page #31